

INTERGRATED AV AMPLIFIER

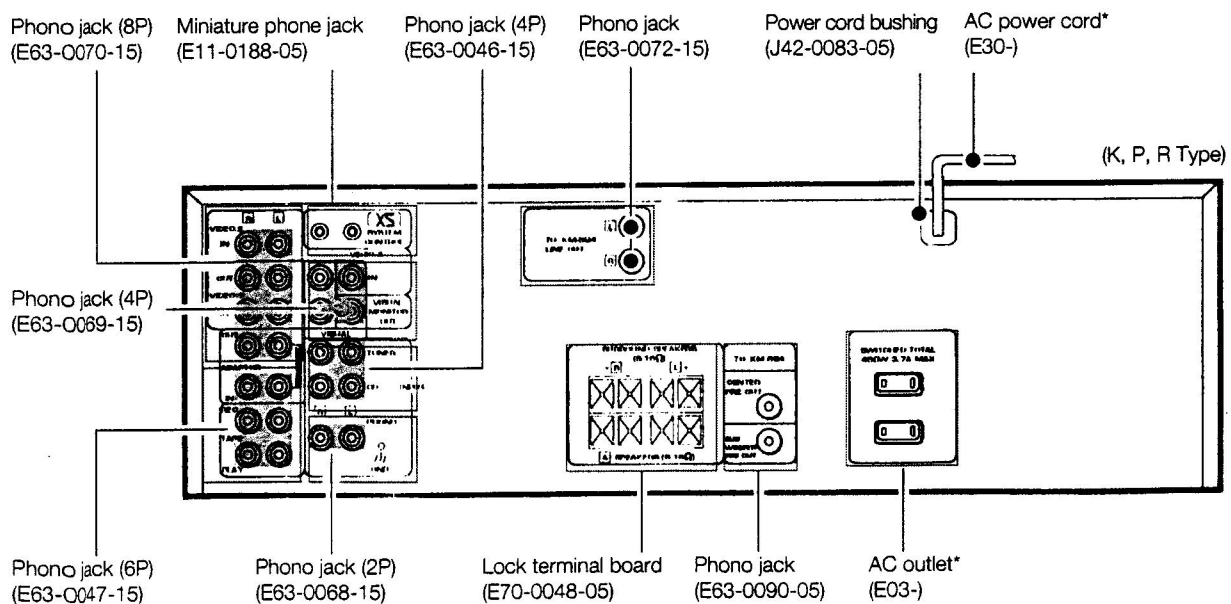
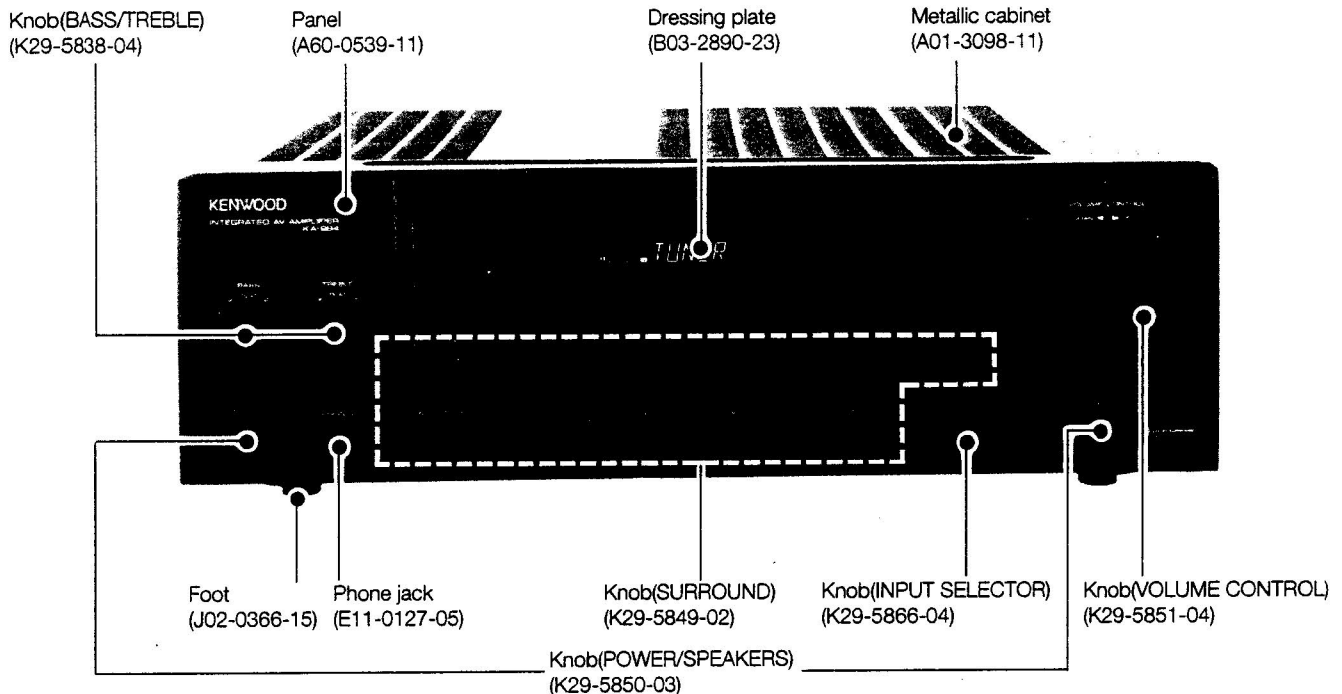
KA-894/994/V3700

SERVICE MANUAL

KENWOOD

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B51-4846-00(K)3576

(KA-994)



*Refer to parts list on page 34.

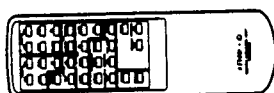
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ACCESSORIES

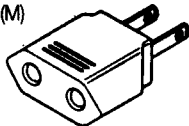
- Remote control unit1
(A70-0974-05) KA-894/V3700



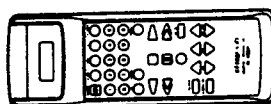
Battery cover (A09-0170-08)

RC-S0800

- AC plug adaptor1
(E03-0115-05)
KA-994, 894(M)



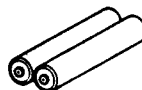
(A70-0961-05) KA-994



Battery cover (A09-0169-08)

RC-R0801

- Batteries(R6/AA)2
(-)



(KA-894 / V3700)

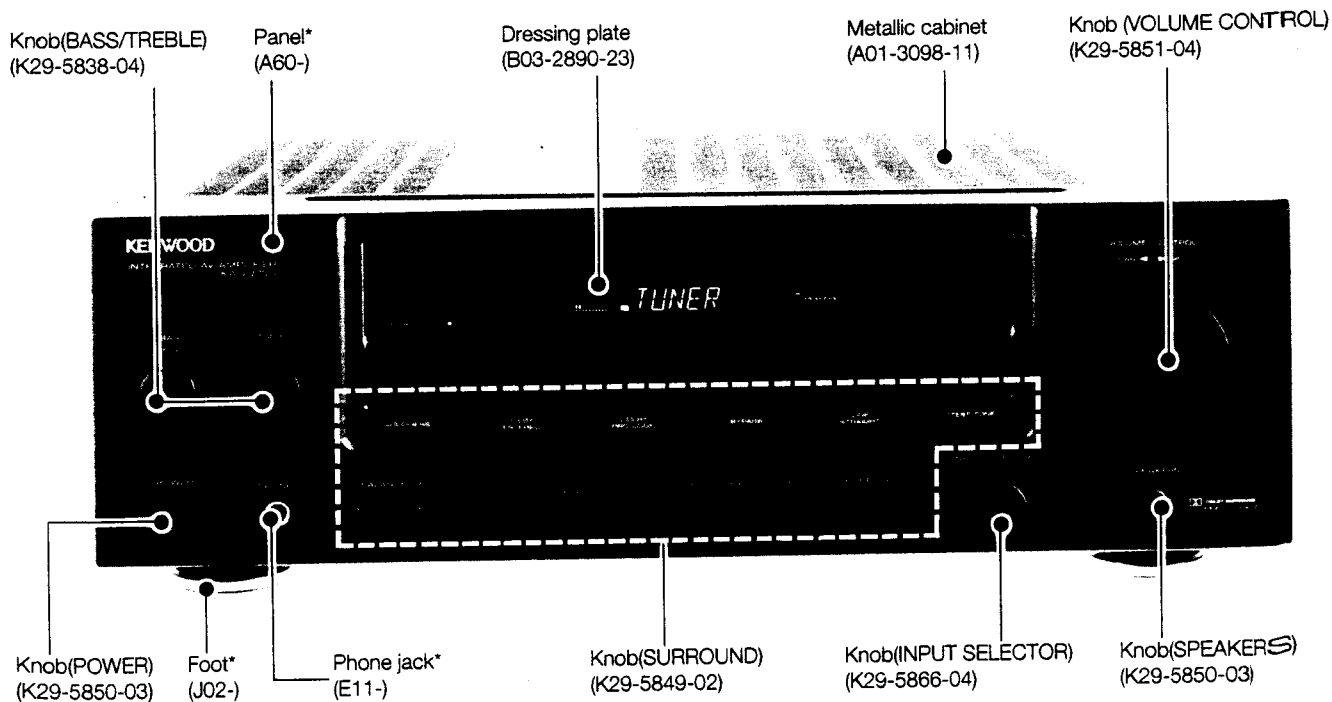
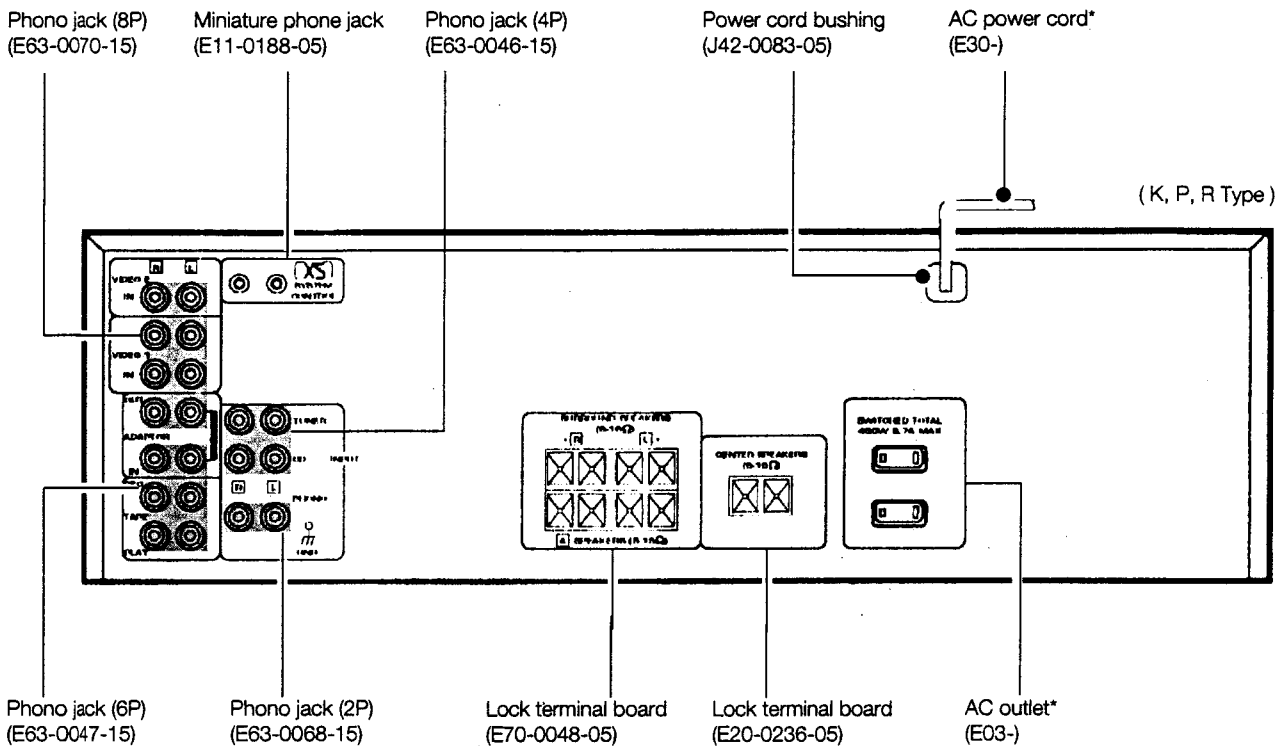


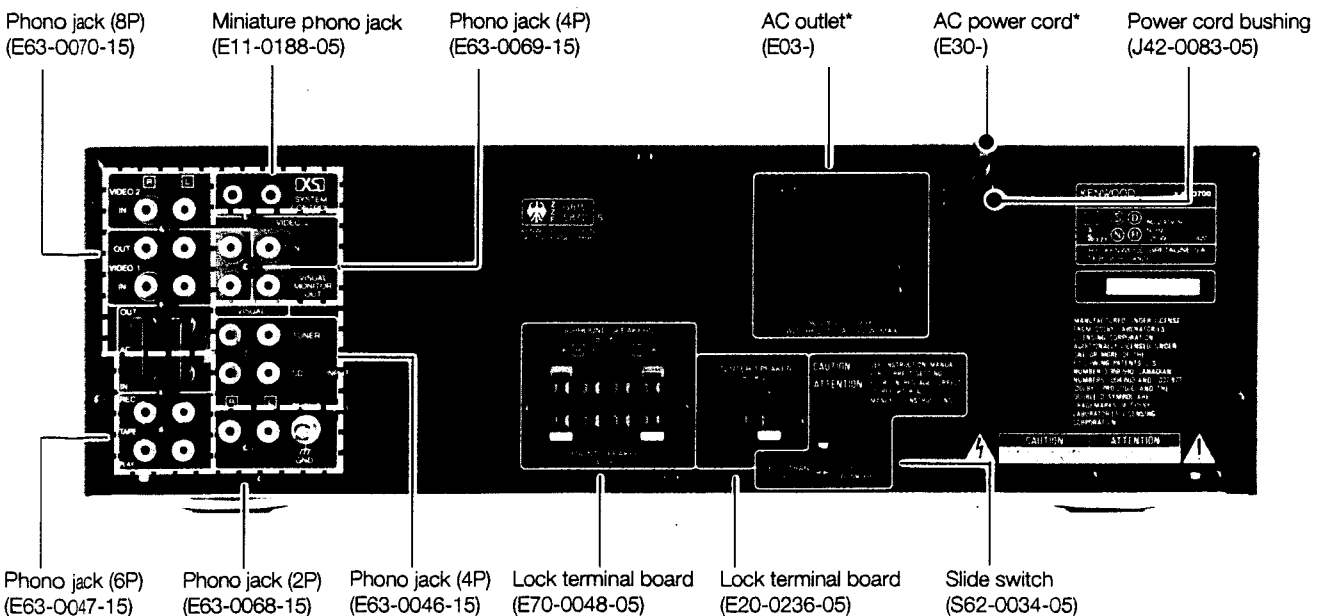
Photo is KA-V3700.

*Refer to parts list on page 34.

(KA-894)



(KA-V3700)



*Refer to parts list on page 34.


KA-894/994/V3700

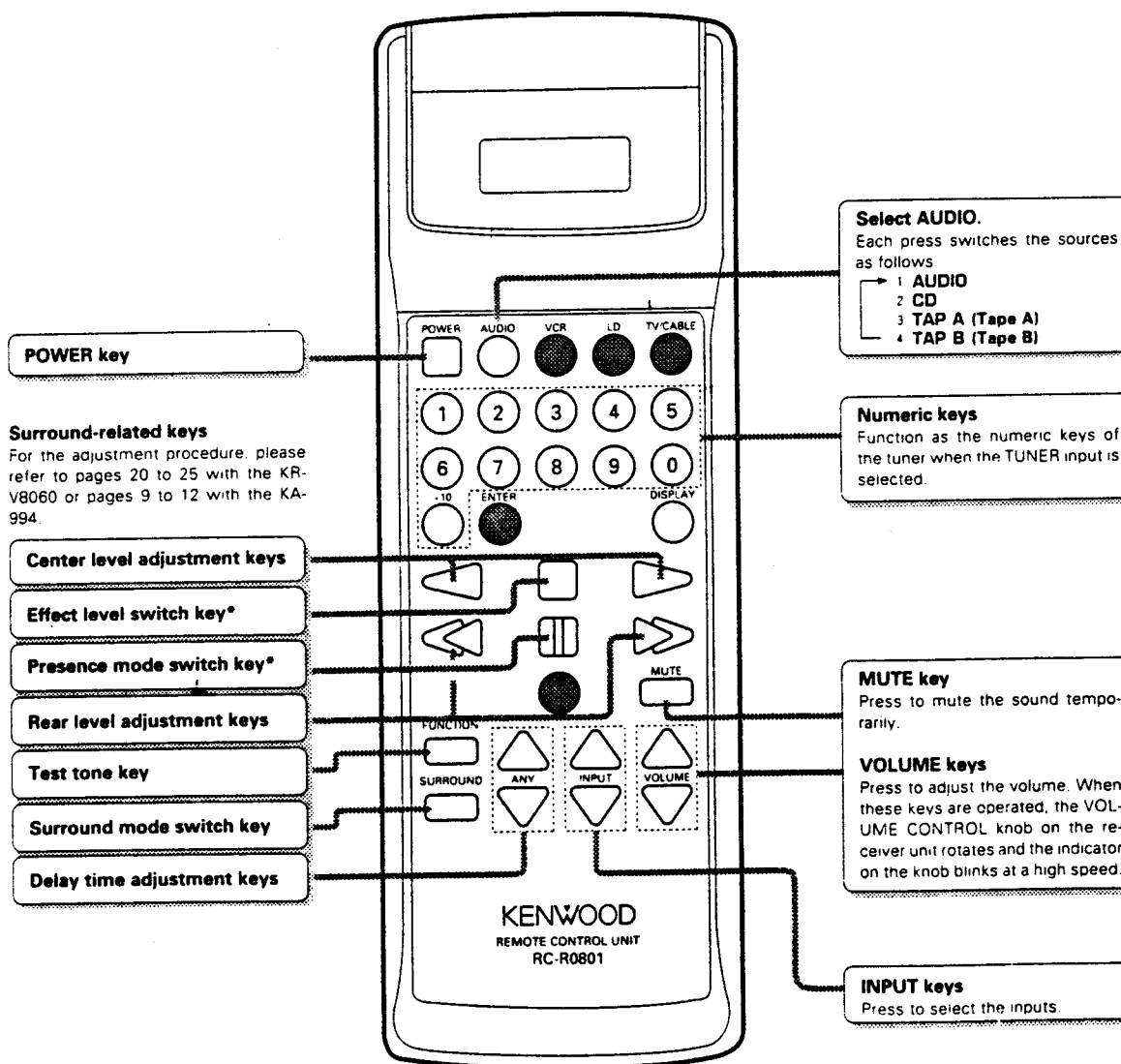
REMOTE CONTROL

REMOTE CONTROL ASSY : A70-0961-05 (KA-994)

Operating the KR-V8060 or KA-994

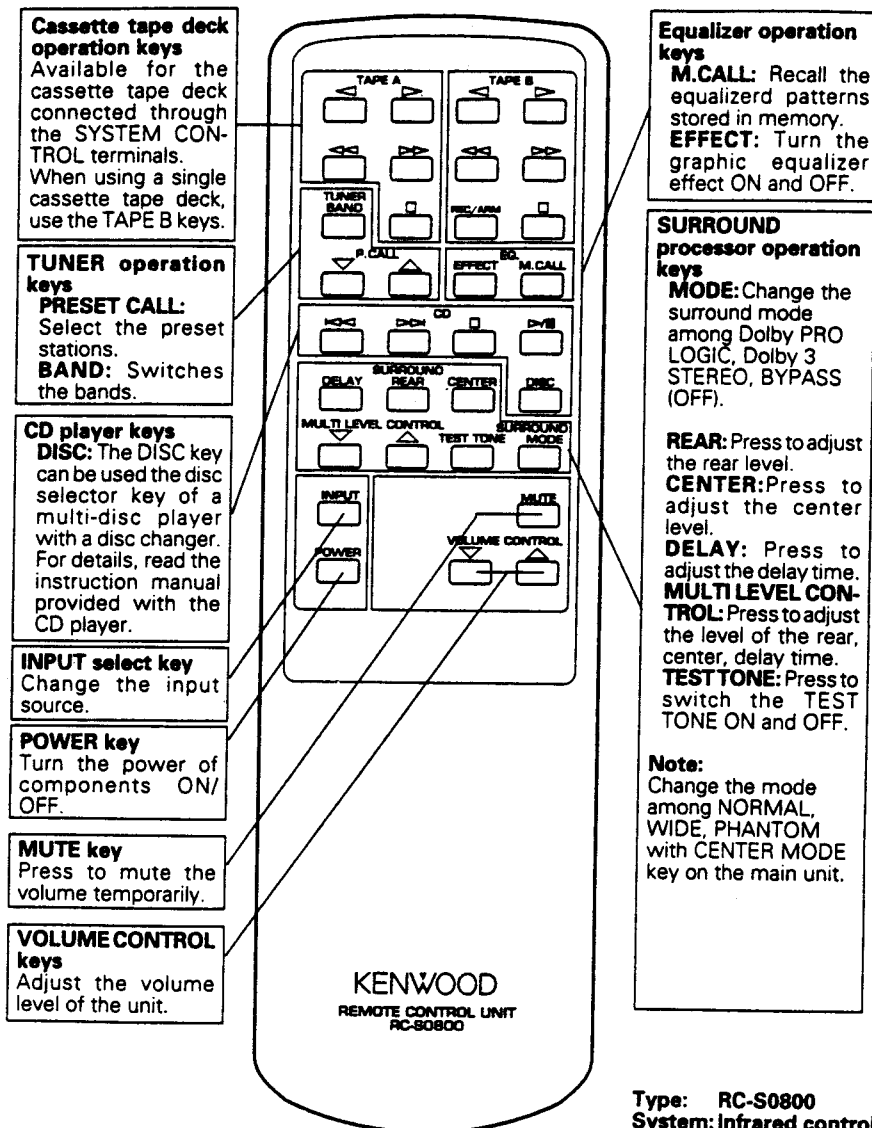
1. Press the **AUDIO** key to display "AUDIO".
2. Press the **POWER** key to turn the power of the main unit (KR-V8060 or KA-994) ON.
3. Press operation keys.

* The keys covered with  are not used in the operation of the receiver.



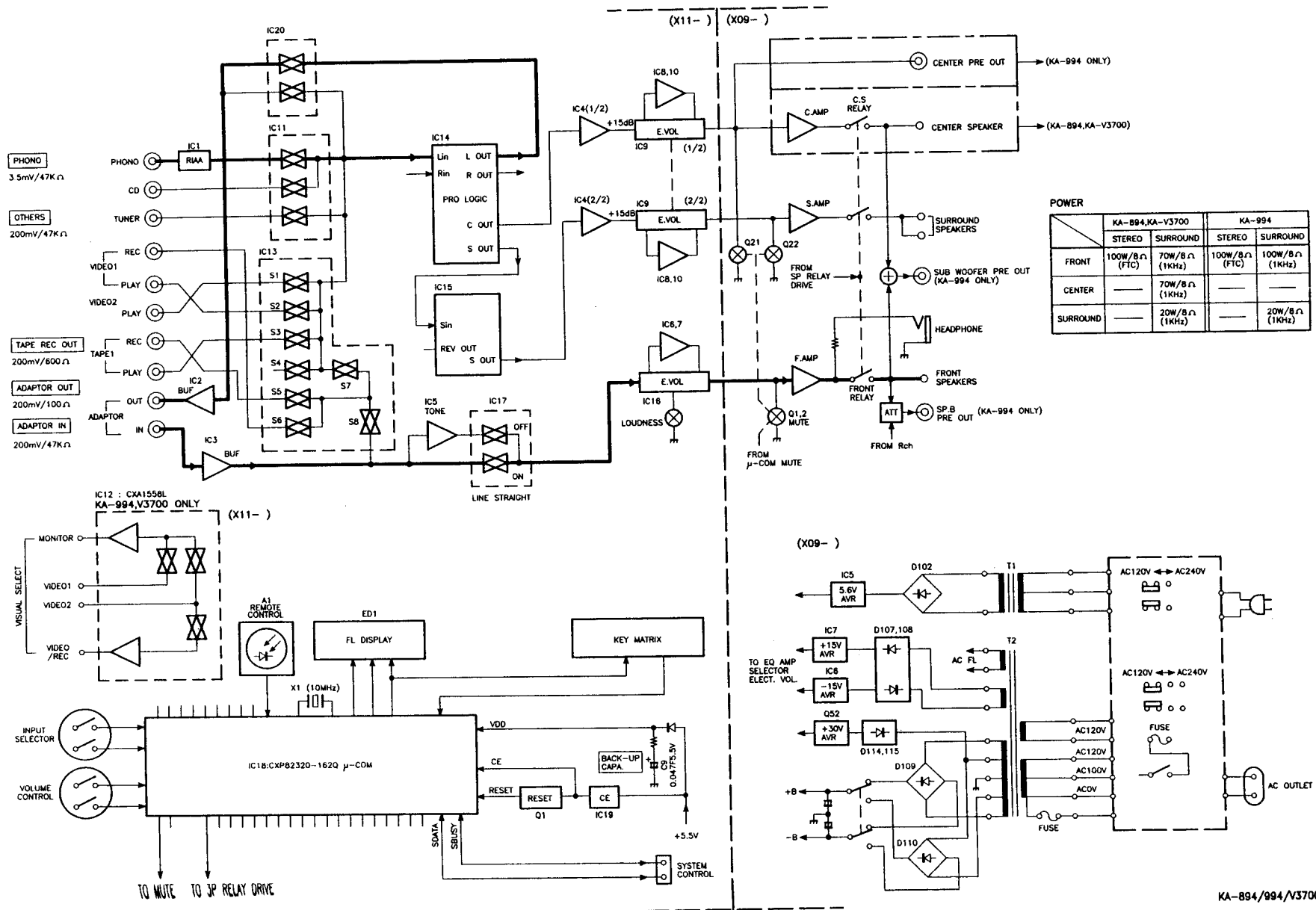
Model: RC-R0801
Infrared ray system

REMOTE CONTROL ASSY : A70-0974-05 (KA-894/V3700)



Type: RC-S0800
System: Infrared control

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

TEST MODE

① To get in the TEST MODE

Plug the AC power cord in the wall outlet while pushing the SPEAKERS key.
All indications light up.

② To cancel the TEST MODE

Unplug the AC power cord from the wall outlet.

③ Operation during the TEST MODE

<1> The TEST MODE starts with all indications lit up and with POWER ON.

- ◇ The Light up state returns to the normal operation state when any key of the main unit is pushed.

<2> Keys that have different functions from their normal functions in the test mode

BALANCE L	Three steps change from R to Center to L.
BALANCE R	Three steps change from L to Center to R.
DELAY TIME +	Three steps change from Minimum to Center to Maximum.
DELAY TIME -	Three steps change from Maximum to Center to Minimum.
CENTER LEVEL +	Three steps change from Minimum to Center to Maximum.
CENTER LEVEL -	Three steps change from Maximum to Center to Minimum.
REAR LEVEL +	Three steps change from Minimum to Center to Maximum.
REAR LEVEL -	Three steps change from Maximum to Center to Minimum.
8Ω/4Ω Switch	Switch status is indicated by TAPE 2 display. 8Ω: TAPE 2 display goes off. 4Ω: TAPE 2 display lights up. At any time TAPE 2 display is indicated, however H/L switch of 70W/100W control port (pin no.9) is switched when... Power ON or OFF SPEAKER ON or OFF DOLBY Mode or BYPASS Switching with INPUT SELECTOR

INITIAL SETTING

① Initial setting

Plug the AC power cord in the wall outlet while pushing the SPEAKERS key.
◇ All memorys are cleared.
◇ The backup operation is returned to the normal operation.

SERIAL TEST MODE

① To get in the SERIAL TEST MODE

Enter the TEST ON code (71).

② To cancel the SERIAL TEST MODE

Enter the TEST OFF code (70), unplug the AC power cord from the electrical outlet, or RESET the equipment.
◇ The operation returns from the test mode to the normal mode.

③ Operation during the SERIAL TEST MODE

- The following functions become ineffective during the test mode.
 - ◇ Keys of the main unit, keys of the remote controller, ordinary serial codes.

The same codes as the received ones are outputted.
- Output of the MUTE signal.
 - ◇ The MUTE function does not work during the SERIAL TEST MODE. The operation of the MUTE function is checked with a specific code.
- Codes received during the SERIAL TEST MODE are effective irrespective of the display mode.
- The key entry inhibit state with 16-second duration is not available when the ADAPTOR is turned ON/OFF.
- When the initial setting is carried out by means of the initial setting AMP (3F) and the initial setting GE (DF) code.
 - ◇ SPEAKERS A/B turn OFF in response to software operation.

CIRCUIT DESCRIPTION

8 bit SERIAL TEST CODE

TYPE CODE		AMP			TUNER			SURROUND				GE				
FUNCTION CODE	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	POWER OFF	CD DIRECT OFF	SP B OFF		POWER OFF	0	MEMORY	TEST OFF	POWER OFF	REAR MUTE ON	ASFC MAX	ACOUSTIC BGM	POWER OFF			
1	POWER ON	CD DIRECT ON	SP B ON		POWER ON	1	MAIN	TEST ON	POWER ON	MUTE ALL OFF	SEAT POS MIN	CINEMA SCREEN OFF	POWER ON			
2	PHONO	CD REC OFF	HIT MASTER OFF		MUTE OFF	2	SUB		BYPASS	CENTER LEVEL MIN	SEAT POS MID	CINEMA SCREEN 1	MUTE OFF			
3	CD	CD REC ON	HIT MASTER ON		MUTE ON	3	BOTH		DOLBY SUR-ROUND	CENTER LEVEL MID	SEAT POS MAX	CINEMA SCREEN 2	MUTE ON			
4	TUNER	SOURCE DIRECT OFF	MOTOR VOL UP		AUTO STEREO	4			DOLBY 3 STEREO	CENTER LEVEL MAX	WALL MIN	CINEMA SCREEN 3	EQ OFF			
5	TAPE 1 (TAPE A)	SOURCE DIRECT ON	MOTOR VOL DOWN		MONO	5			DSP	REAR LEVEL MIN	WALL MID	CH.MODE 2	EQ ON			
6	TAPE 2 (TAPE B)	LINE STRAIGHT OFF	MOTOR VOL STOP		TUNED OFF	6			DSP LOGIC	REAR LEVEL MID	WALL MAX	CH.MODE 3	M1 (ALL MID)			
7	AUX	LINE STRAIGHT ON	DBS/TV		TUNED ON	7			S.4CH	REAR LEVEL MAX	ROOM SIZE MIN	CH.MODE 4	M2 (ALL MAX)			
8	DAT	LOUDNESS OFF	VR 0dB		A.R OFF	8			F.4CH	DILAY TIME MIN	ROOM SIZE MID	CH.MODE 5	M3 (ALL MIN)			
9	VIDEO 1 (VIDEO)	LOUDNESS ON	-20dB		A.R ON	9			CENTER MODE NORMAL	DILAY TIME MID	ROOM SIZE MAX					
A	VIDEO 2	SUB SONIC OFF	-30dB		RF DIRECT	+10			CENTER MODE WIDE	DILAY TIME MAX	STEREO (KARAOKE)					
B	VIDEO 3	SUB SONIC ON	-70dB		RF DISTANCE	BAND FM			CENTER MODE PHANTOM	PRESENCE LEVE (EFFECT) MIN	MULTI (KARAOKE)					
C	VDP	S WOOFER OFF	∞		IF WIDE	BAND AM/MW			TEST TONE OFF	PRESENCE LEVE (EFFECT) MID	HIFI MULTI (KARAOKE)					
D	MUTE ON	S WOOFER ON	BALANCE L	ALL LIGHT UP ON	IF NORMAL	BAND TV/LW			TEST TONE ON	PRESENCE LEVE (EFFECT) MAX	NORMAL (KARAOKE)			ALL LIGHT UP ON		
E	SELMUTE ON	SP OFF (SP A OFF)	BALANCE C	ALL LIGHT UP OFF	IF NARROW	DOWN			FRONT MUTE ON	ASFC MIN	ACOUSTIC NON DIRE 1			ALL LIGHT UP OFF		
F	MUTE ALL OFF	SP ON (SP A ON)	BALANCE R	INITIAL SETTING (AMP)	DIRECT	UP			CENTER MUTE ON	ASFC MID	ACOUSTIC NON DIRE 2	INITIAL SETTING (SURROUND)		INITIAL SETTING (GE)		

CIRCUIT DESCRIPTION

KEY MATRIX

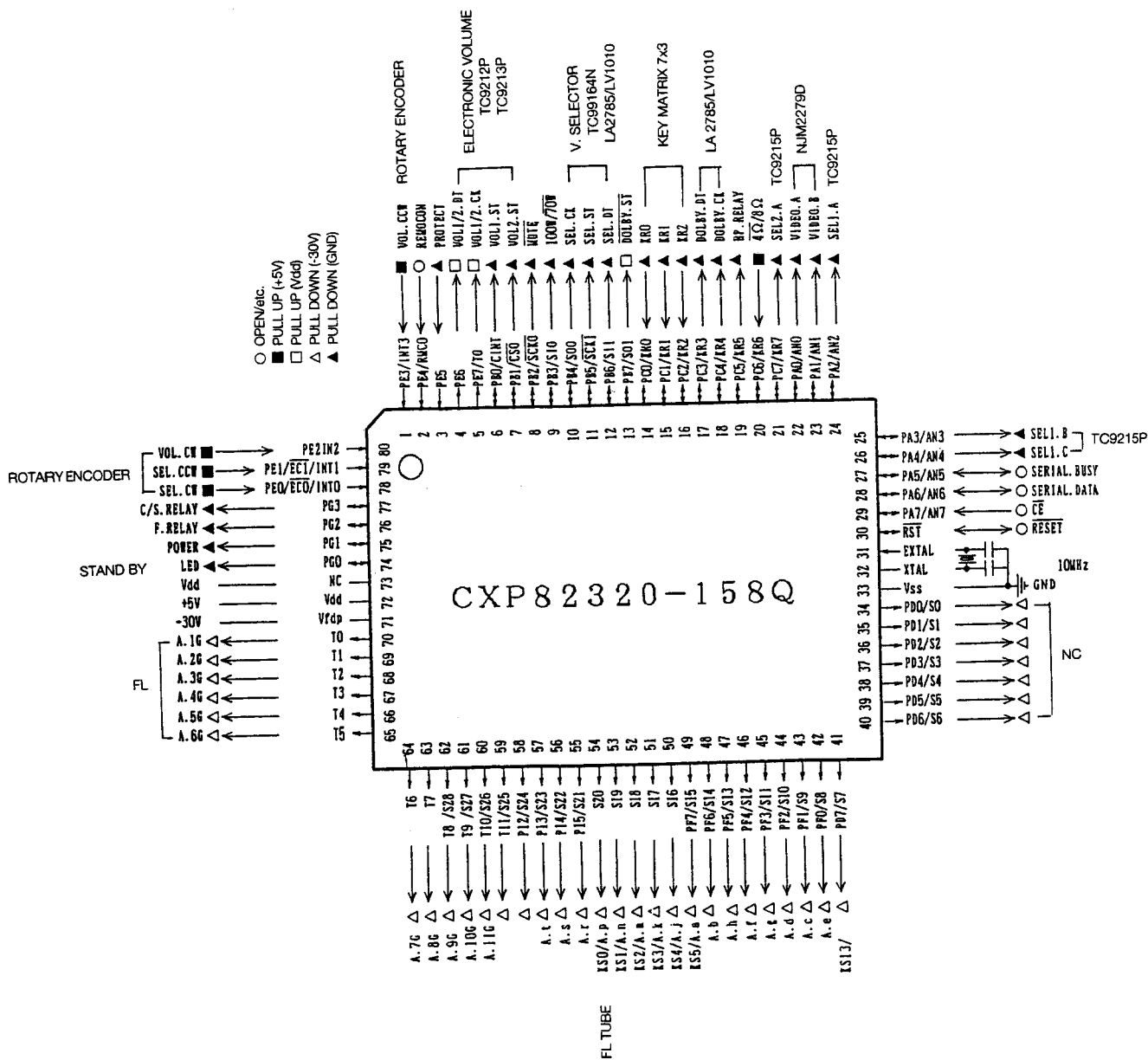
				KRO	KRI	KR2		
				FL. A. p/KS00	—	CENTER SPEAKER VOLUME DOWN	Dolby 3-Stereo	S20 54pin
				FL. A. n/KS01	CENTER MODE	CENTER SPEAKER VOLUME UP	Dolby Pro Logic	S19 53pin
				FL. A. m/KS02	BALANCE R	REAR SPEAKER VOLUME DOWN	BYPASS	S18 52pin
				FL. A. k/KS03	BALANCE L	REAR SPEAKER VOLUME UP	LOUDNESS	S17 51pin
				FL. A. j/KS04	TEST-TONE	DELAY TIME DOWN	LINE- STRAIGHT	S16 50pin
				FL. A. a/KS05	SPEAKER ON/OFF	DELAY TIME UP	POWER	PF7/S15 49PIN
				FL. A. b/T. o/KS06				PF6/S14 48PIN
				FL. A. h/T. n/KS07				PF5/S13 47PIN
				FL. A. f/T. m/KS08				PF4/S12 46PIN
				FL. A. g/T. l/KS09				PF3/S11 45PIN
				FL. A. d/T. k/KS10				PF2/S10 44PIN
				FL. A. c/T. j/KS11				PF1/S09 43PIN
				FL. A. e/T. i/KS _{INI1}				PF0/S08 42PIN
				FL. T. h/KS _{INI2}	DSW3	DSW4	DSW5	PD7/S07 41PIN
					PC0/KR0 14pin	PC1/KR1 15pin	PC2/KR2 16pin	

	DSW3	DSW4	DSW5
KA-894	NO	NO	NO
KA-994	NO	YES	YES
KA-V3700	NO	YES	YES

CIRCUIT DESCRIPTION

PIN LAYOUT

MICRO PROCESSOR CXP82320-158Q <BOTTOM VIEW>



CIRCUIT DESCRIPTION

Pin description

Pin No.	Pin Name	I/O	Name	Description
1	PE3/INT3	I	VOL. CCW	Input of ROTARY ENCODER PHASE B signal for VOLUME
2	PE4/RMC	I	REMOCON	REMOTE CONTROLLER signal input
3	PE5	I	PROTECT	PROTECTION control signal input
4	PE6	O	VOL1/2. DT	Output of DATA signal for control of electronic VOLUME (TC9212P/TC9213P)
5	PE7/T0	O	VOL1/2. CK	Output of CLOCK signal for control of electronic VOLUME (TC9212P/TC9213P)
6	PB0/CINT	O	VOL1. ST	Output of STROBE signal for control of electronic VOLUME (TC9212P/TC9213P)
7	PB1/CS0	O	VOL2. ST	Output of STROBE signal for control of electronic VOLUME (TC9213P)
8	PB2/SCK0	O	MUTE	MUTING circuit control signal output L:ON, H:OFF
9	PB3/SI0	O	100W/70W	100W/70W RELAY control signal output L:70W, H:100W
10	PB4/SO0	O	SEL. CK	Output CLOCK signal for control of SELECTOR (TC9164N)
11	PB5/SCK1	O	SEL. ST	Output STROBE signal for control of SELECTOR (TC9164N)
12	PB6/SI1	O	SEL. DT	Output DATA signal for control of SELECTOR (TC9164N)
13	PB7/SO1	O	DOLBY. ST	Output of ENABLE signal for control of DOLBY IC (LA2785/LV1010)
14	PC0/KR0	I	KR0	KEY RETURN signal input
15	PC1/KR1	I	KR1	KEY RETURN signal input
16	PC2/KR2	I	KR2	KEY RETURN signal input
17	PC3/KR3	O	DOLBY. DT	Output of DATA signal for control of DOLBY IC (LA2785/LV1010)
18	PC4/KR4	O	DOLBY. CK	Output of CLOCK signal for control of DOLBY IC (LA2785/LV1010)
19	PC5/KR5	O	HP. RELAY	HEADPHONE RELAY control signal output (LC7218)
20	PC6/KR6	O	4Ω / 8Ω	Speaker impedance switching (LC7218)
21	PC7/KR7	O	SEL2. A	LINE STRAIGHT control signal output (TC9215P)
22	PA0/AN0	O	VIDEO. A	VIDEO SELECTOR A control signal output (NJM2279D)
23	PA1/AN1	O	VIDEO. B	VIDEO SELECTOR B control signal output (NJM2279D)
24	PA2/AN2	O	SEL1. A	LINE STRAIGHT control signal output (TC9215P)
25	PA3/AN3	O	SEL1. B	PHONO select signal output (TC9215P)
26	PA4/AN4	O	SEL1. C	CD/TUNER select signal output (TC9215P)
27	PA5/AN5	I/O	SERIAL. BUSY	System serial BUSY signal input/output
28	PA6/AN6	I/O	SERIAL. DATA	System serial DATA signal input/output
29	PA7/AN7	I	\overline{CE}	BACK UP detection
30	RST	I/O	RESET	RESET signal detection
31	EXTAL	I		System Clock input (10MHz)
32	XTAL			System Clock (10MHz)
33	Vss			GND
34	PD0/S0	O	T.a	Unused
35	PD1/S1	O	T.b	Unused
36	PD2/S2	O	T.c	Unused
37	PD3/S3	O	T.d	Unused
38	PD4/S4	O	T.e	Unused
39	PD5/S5	O	T.f	Unused
40	PD6/S6	O	T.g	Unused

CIRCUIT DESCRIPTION

Pin description

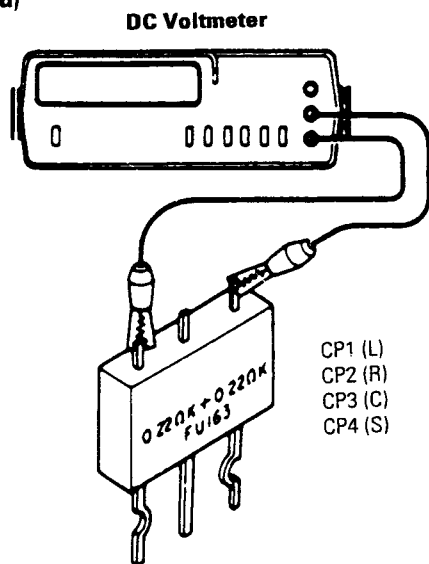
Pin No.	Pin Name	I/O	Name	Description
41	PD7/S7	O	KS13	KEY SCAN 13 signal output
42	PF0/S8	O	A.e	FL tube segment e(pin no.35) driving signal output
43	PF1/S9	O	A.c	FL tube segment c(pin no.34) driving signal output
44	PF2/S10	O	A.d	FL tube segment d(pin no.33) driving signal output
45	PF3/S11	O	A.g	FL tube segment g(pin no.32) driving signal output
46	PF4/S12	O	A.f	FL tube segment f(pin no.31) driving signal output
47	PF5/S13	O	A.h	FL tube segment h(pin no.30) driving signal output
48	PF6/S14	O	A.b	FL tube segment b(pin no.29) driving signal output
49	PF7/S15	O	KS5/A.a	KEY SCAN 5 signal output FL tube segment a(pin no.28) driving signal output
50	S16	O	KS4/A.j	KEY SCAN 4 signal output FL tube segment j(pin no.27) driving signal output
51	S17	O	KS3/A.k	KEY SCAN 3 signal output FL tube segment k(pin no.26) driving signal output
52	S18	O	KS2/A.m	KEY SCAN 2 signal output FL tube segment m(pin no.25) driving signal output
53	S19	O	KS1/A.n	KEY SCAN 1 signal output FL tube segment n(pin no.24) driving signal output
54	S20	O	KS0/A.p	KEY SCAN 0 signal output FL tube segment p(pin no.23) driving signal output
55	T15/S21	O	A.r	FL tube segment r(pin no.22) driving signal output
56	T14/S22	O	A.s	FL tube segment s(pin no.21) driving signal output
57	T13/S23	O	A.t	FL tube segment t(pin no.20) driving signal output
58	T12/S24	O		Unused
59	T11/S25	O		Unused
60	T10/S26	O	A.11G	FL tube segment 11G(pin no.15) driving signal output
61	T9/S27	O	A.10G	FL tube segment 10G(pin no.14) driving signal output
62	T8/S28	O	A.9G	FL tube segment 9G(pin no.13) driving signal output
63	T7	O	A.8G	FL tube segment 8G(pin no.12) driving signal output
64	T6	O	A.7G	FL tube segment 7G(pin no.11) driving signal output
65	T5	O	A.6G	FL tube segment 6G(pin no.10) driving signal output
66	T4	O	A.5G	FL tube segment 5G(pin no.9) driving signal output
67	T3	O	A.4G	FL tube segment 4G(pin no.8) driving signal output
68	T2	O	A.3G	FL tube segment 3G(pin no.7) driving signal output
69	T1	O	A.2G	FL tube segment 2G(pin no.6) driving signal output
70	T0	O	A.1G	FL tube segment 1G(pin no.5) driving signal output
71	Vfdp			FL pre-driver POWER SUPPLY (-30V)
72	Vdd			Microprocessor POWER input (+5V)
73	NC		NC	Unused pull up (+15V)
74	PG0	O	LED	STAND BY LED drive output
75	PG1	C	POWER	POWER RELAY control signal output
76	PG2	O	F. RELAY	FRONT RELAY control signal output
77	PG3	O	C/S. RELAY	CENTER/SURROUND control signal output
78	PE0/EC0/INT0	I	SEL. CW	Input of ROTARY ENCODER PHASE A signal output for INPUT SELECTOR
79	PE1/EC1/INT1	I	SEL. CCW	Input of ROTARY ENCODER PHASE B signal output for INPUT SELECTOR
80	PE2/IN2	I	VOL. CW	Input of ROTARY ENCODER PHASE A signal output for VOLUME

ADJUSTMENT

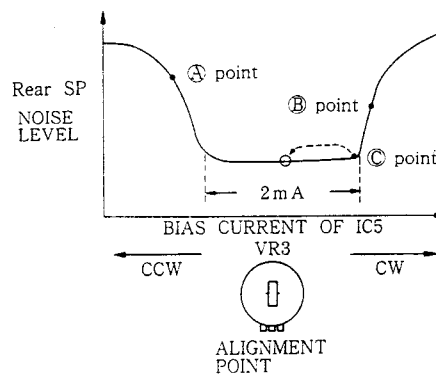
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG
Unless otherwise specified, set the respective switches as follows: POWER : ON SELECTOR : CD (NO SIGNAL) SURROUND : PRO LOGIC							
1	IDLE CURRENT	—	Connect a DC voltmeter across CP1 (L) CP2 (R) CP3 (C) CP4 (S) (X09-)	VOLUME: 0	VR1 (L) VR2 (R) (X09-)	13.2mV	(a)
					VR3 (C) VR4 (S) (X09-)	10mV~13.2mV	
2	PRO LOGIC S-OUT NOISE LEVEL	Short CN11 (X11-) (B/5) Short CN10 (X11-) (E/5)	Connect a oscilloscope Rear sp L or R. (Connect load with Rear sp L and R.)	Volume : MAX REAR LEVEL : MAX	VR3 (X11-) (B/5)	Minimum noise level (fig. © point of (b)).	(b)

(a)

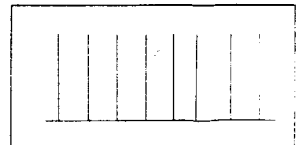


(b)

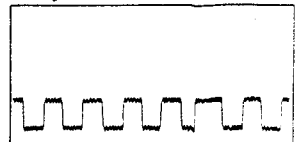


[Procedure]

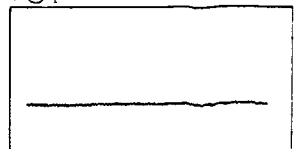
1) Ⓐ point



2) Ⓑ point

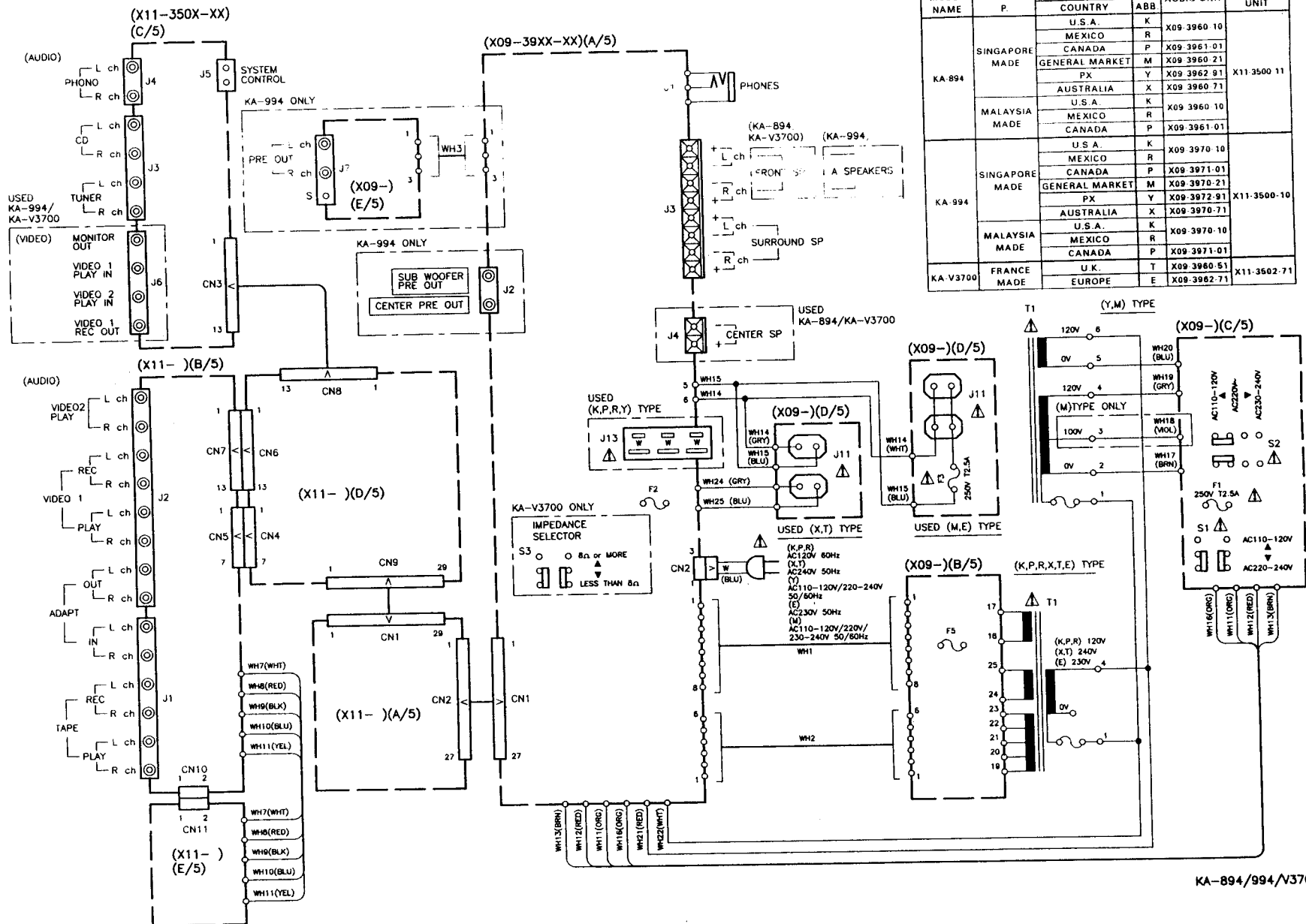


3) Ⓒ point (Minimum noise level)



WIRING DIAGRAM

MODEL NAME	PRODUCT. P.	DESTINATION		AUDIO UNIT	CONTROL UNIT
		COUNTRY	ABB		
KA-894	SINGAPORE MADE	U.S.A.	K	X09-3960-10	X11-3500-11
		MEXICO	R	X09-3961-01	
		CANADA	P	X09-3960-21	
		GENERAL MARKET	M	X09-3962-91	
		PX	Y	X09-3960-71	
		AUSTRALIA	X	X09-3961-01	
KA-994	SINGAPORE MADE	U.S.A.	K	X09-3970-10	X11-3500-10
		MEXICO	R	X09-3971-01	
		CANADA	P	X09-3970-21	
		GENERAL MARKET	M	X09-3972-91	
		PX	Y	X09-3970-71	
		AUSTRALIA	X	X09-3971-01	
KA-V3700	FRANCE MADE	U.S.A.	K	X09-3960-51	X11-3502-71
		U.K.	T	X09-3962-71	
		EUROPE	E	X09-3962-71	



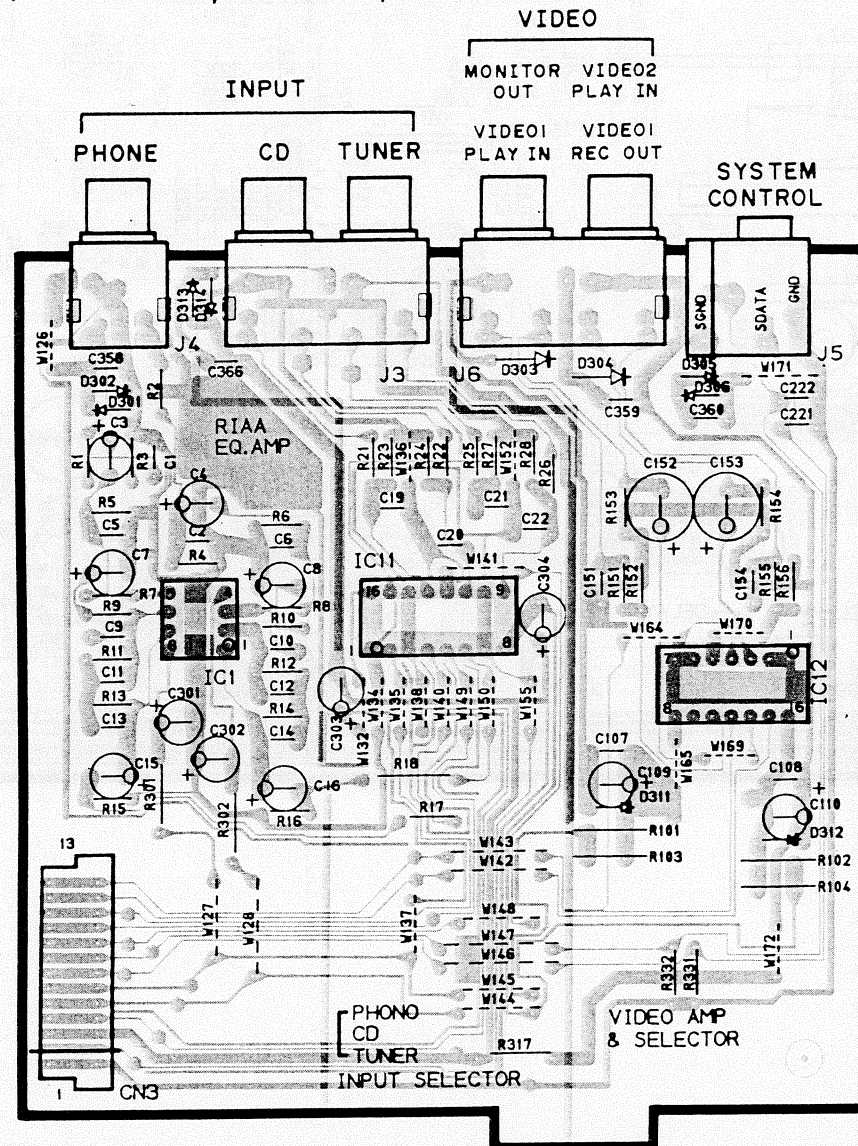
KA-894/994/V3700

PC BOARD (COMPONENT SIDE VIEW)

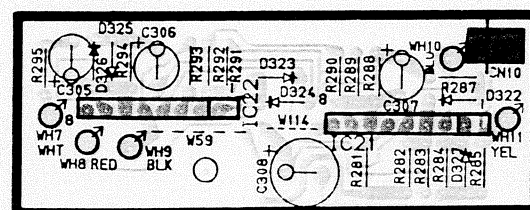
CONTROL UNIT

X11- 350X-XX C/5

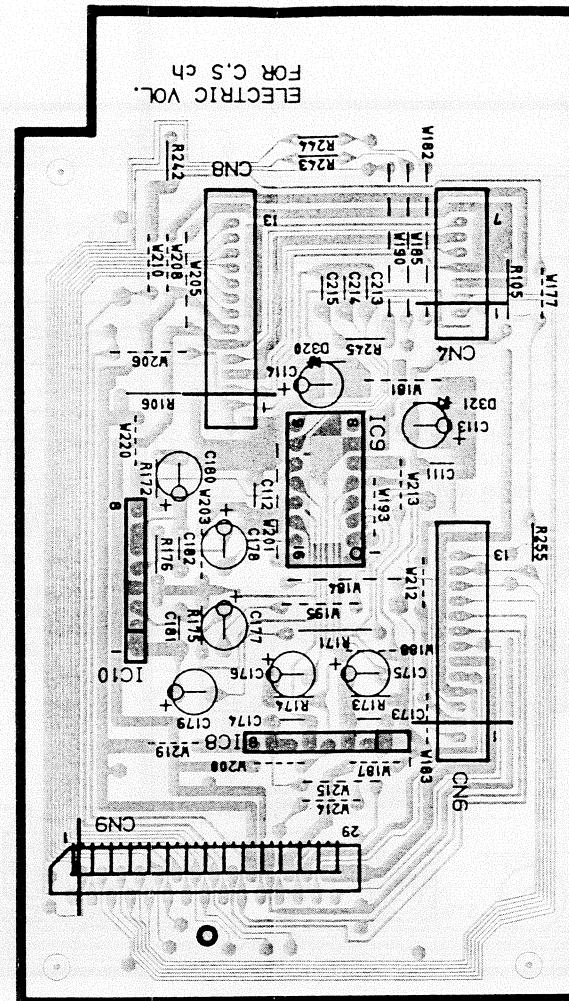
(KA-894:0-11, 994:0-10, V3700:2-71)



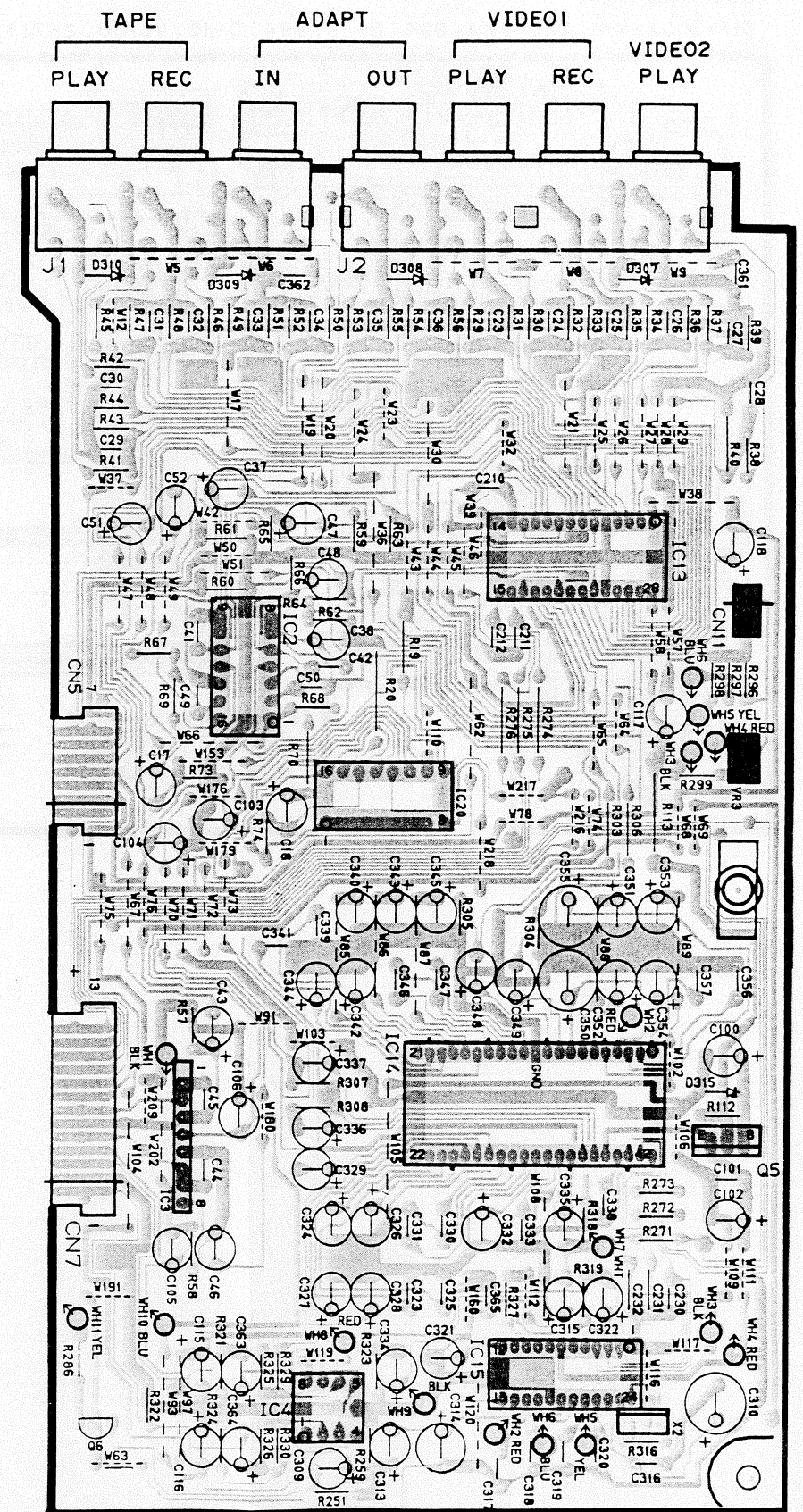
X11- E/5



X11- D/5



X11- B/5

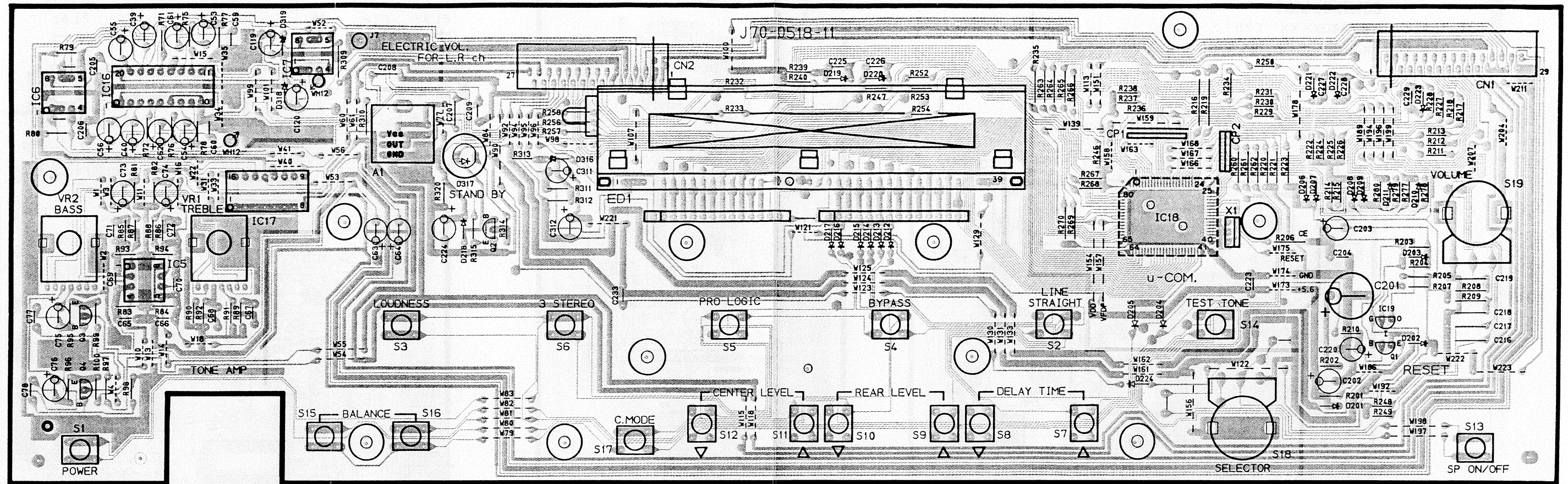


PC BOARD (COMPONENT SIDE VIEW)

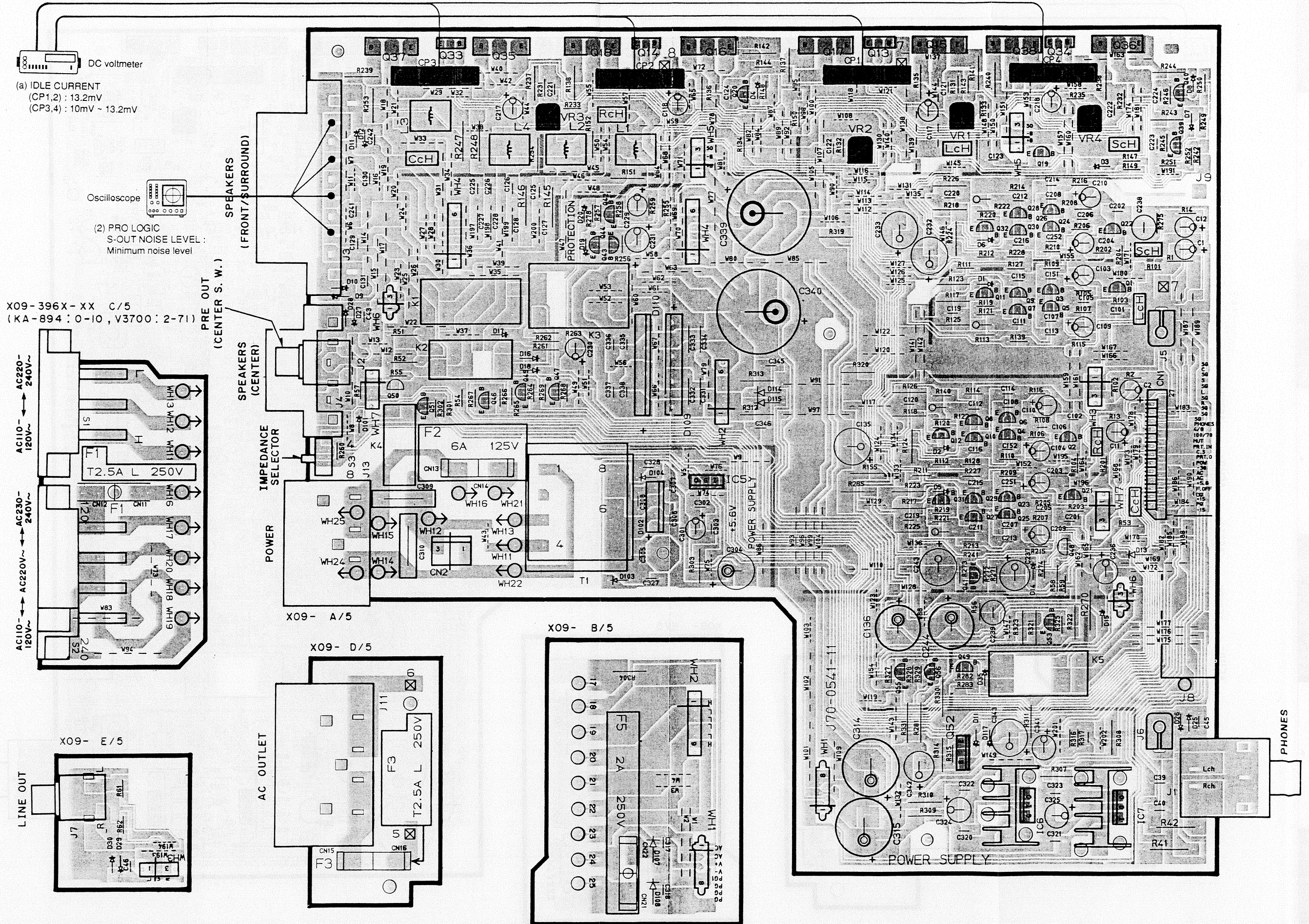
CONTROL UNIT

X11-350X-XX A/5 (

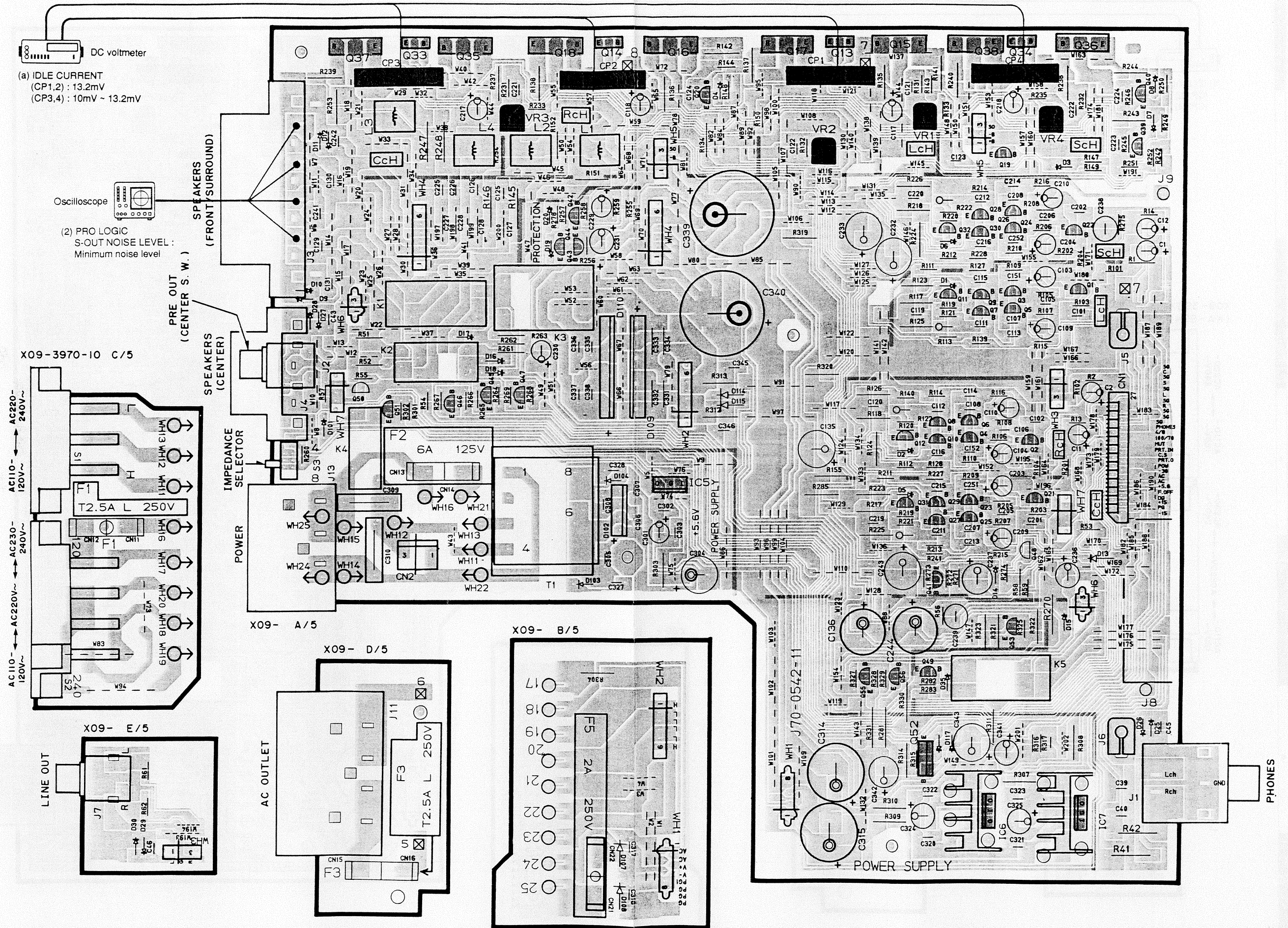
-71)



PC BOARD (COMPONENT SIDE VIEW) AUDIO UNIT



PC BOARD (COMPONENT SIDE VIEW) AUDIO UNIT



ANODE CONNECTION

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G
a	a		a	a	a	a	a	a	a	a	a
b	b		b	b	b	b	b	b	b	b	b
c	c		c	c	c	c	c	c	c	c	c
d	d		d	d	d	d	d	d	d	d	d
e	e		e	e	e	e	e	e	e	e	e
f	f		f	f	f	f	f	f	f	f	f
g	g		g	g	g	g	g	g	g	g	g
h	h		h	h	h	h	h	h	h	h	h
i	i		i	i	i	i	i	i	i	i	i
j	j		j	j	j	j	j	j	j	j	j
k	k	LOUDNESS	k	k	k	k	k	k	k	k	k
l	l	LINE STRAIGHT	l	l	l	l	l	l	l	l	l
m	m	MUTING	m	m	m	m	m	m	m	m	m
n	n	TAPE2	n	n	n	n	n	n	n	n	n
o	o	V2	o	o	o	o	o	o	o	o	o
p	p	3 STEREO	p	p	p	p	p	p	p	p	p
q	q	SURROUND	q	q	q	q	q	q	q	q	q
r	r	V1	r	r	r	r	r	r	r	r	r
s	s	dB	s	s	s	s	s	s	s	s	s
t	t	ms	t	t	t	t	t	t	t	t	t

MODEL NAME	UNIT NAME	C69.70	D204	D205
KA-994	X11-3500-10	NO	YES	YES
KA-894	X11-3500-11	NO	NO	NO
KA-V3700	X11-3502-71	YES	YES	NO

IC5-7 : NJM4558D
 IC16 : TC9212P
 IC17 : TC9215P
 IC18 : CXP82320-162Q
 IC19 : S-80740AL

Q1-4 : 2SC1740S(Q,R) or 2SC2785(F,E)

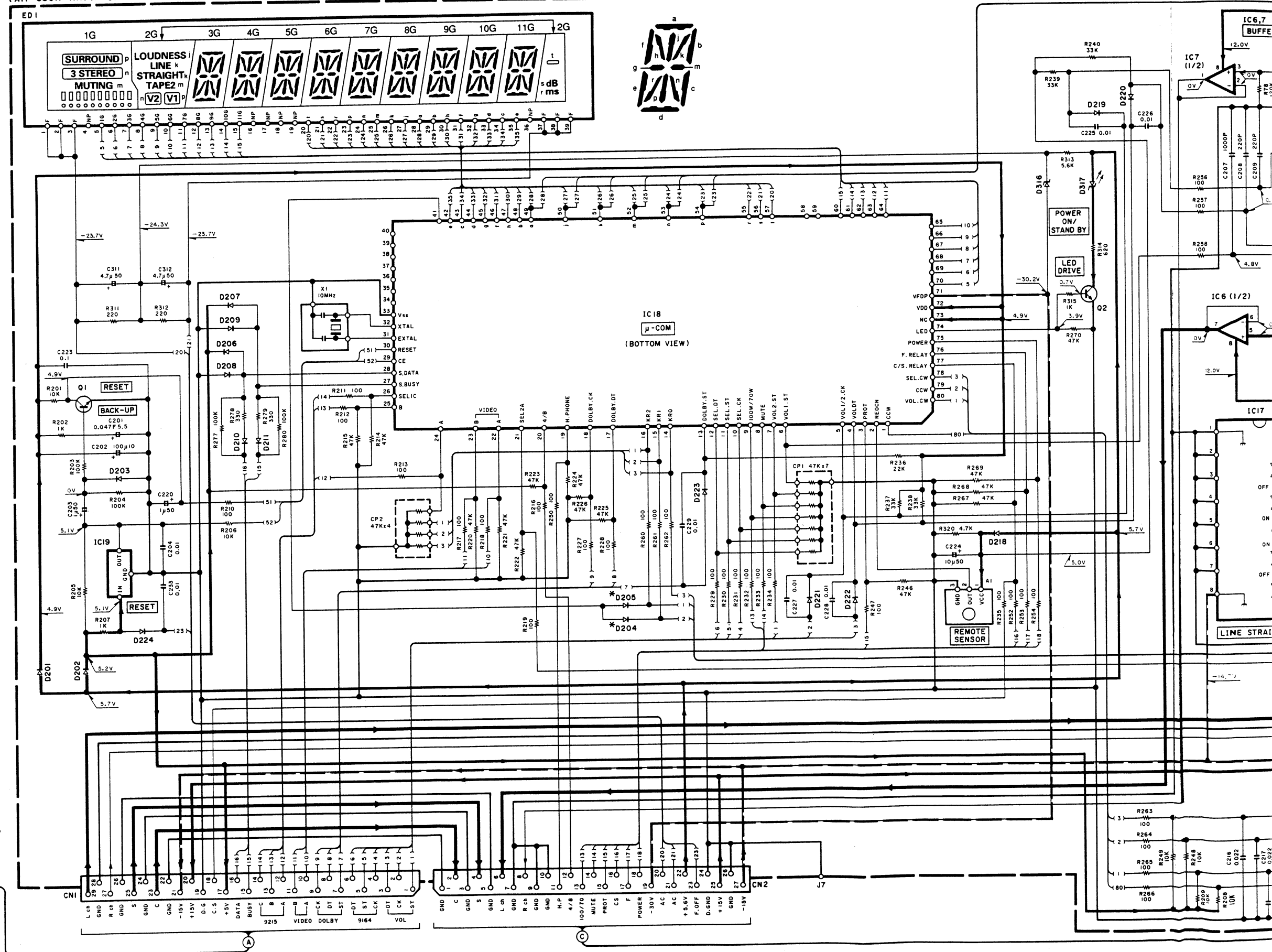
D201-224 : 1SS133 or HSS104
 D316 : RD5.6ES(B2) or HZS5.6N(B2)
 D317 : B30-2461-05
 D318,319 : RD13ES(B2) or HZS13N(B2)

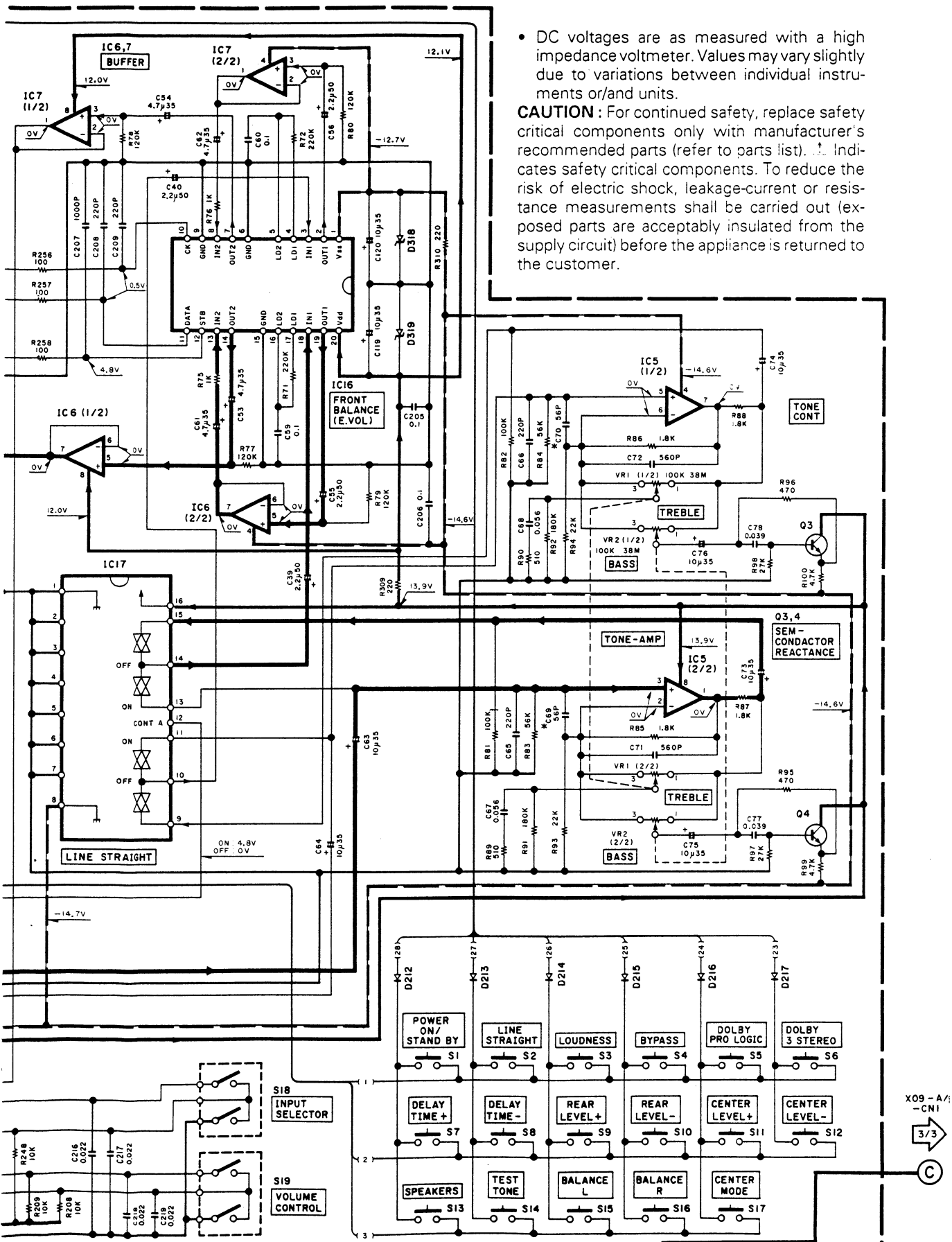
A1 : W02-1174-05/W02-1188-05/
 W02-1046-05

ED1 : FIP11SM8R

— SIGNAL LINE
 — GND LINE
 — +B LINE
 — -B LINE

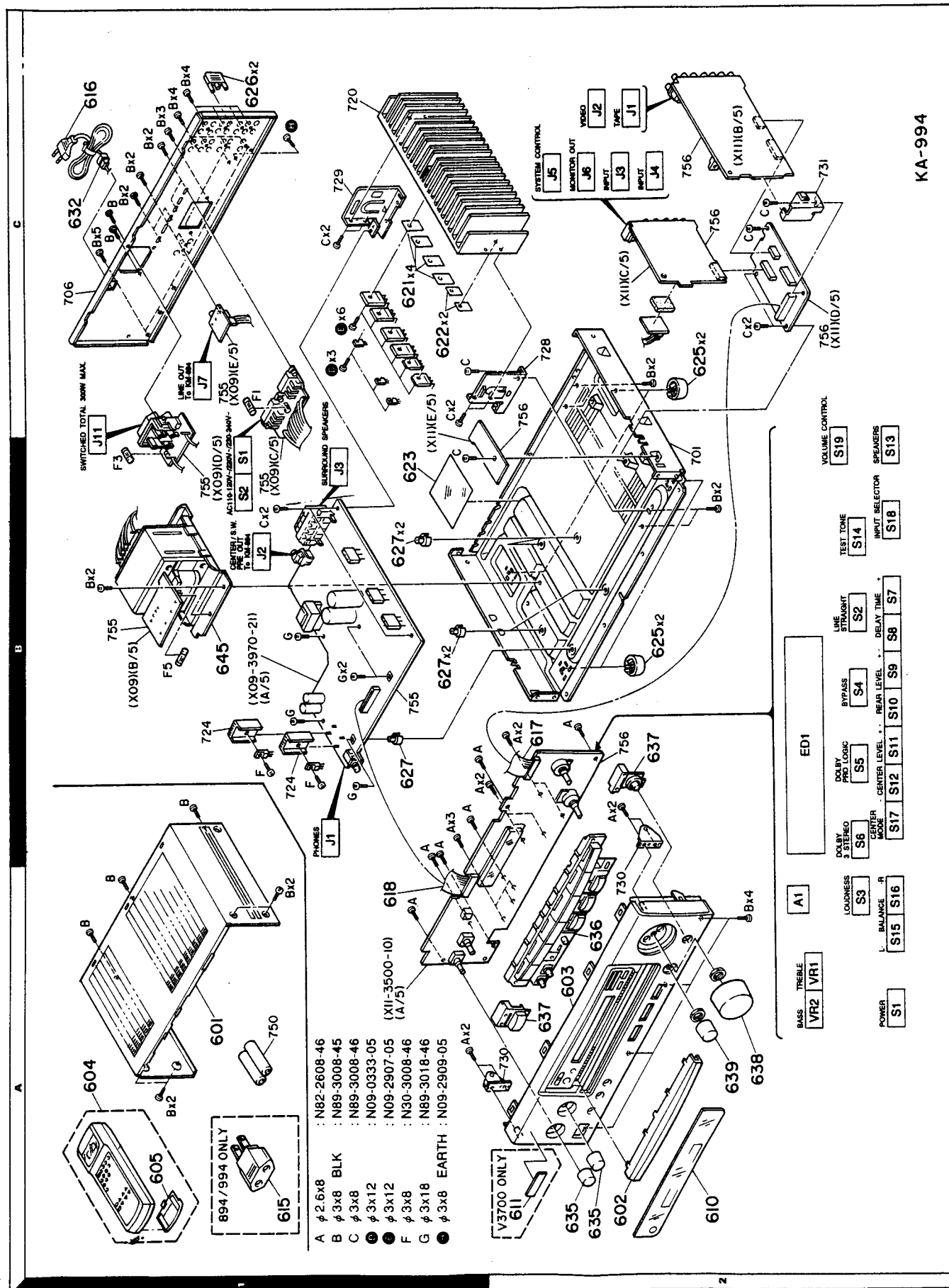
(X11-350X-XX) (A/5)





KA894/994/V3700

EXPLODED VIEW (UNIT)



KA-994

KA894/994/V3700

PARTS LIST

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
KA-894 (SINGAPORE MADE)				
H	1C	N08-0128-35	BINDING POST (EARTH)	
601	1A	A01-3098-11	METALLIC CABINET	
602	2A	A21-1855-03	DRESSING PANEL	
603	2A	A60-0540-21	PANEL	
604	1A	A70-0974-05	REMOTE CONTROLLER ASY RC-S0800	
605	1A	A09-0170-08	BATTERY COVER	
610	2A	B03-2890-23	DRESSING PLATE	K
-	-	B43-0287-04	KENWOOD BADGE	Y
-	-	B46-0310-03	WARRANTY CARD	Y
-	-	B58-0945-03	CAUTION CARD	Y
-	-	B58-0965-03	CAUTION CARD PL (PTX TYPE)	X
-	-	B58-0966-03	CAUTION CARD PL (ELM TYPE)	P
-	-	B60-1508-00	INSTRUCTION MANUAL (EN)	Y
-	-	B60-1509-00	INSTRUCTION MANUAL (F/G/D/I)	KYR
616	1C	E30-2592-15	AC POWER CORD	PX
617	1C	E30-2721-05	FLAT CABLE 29P X11 CN1-X11 CN9	M
618	1A	E35-0766-05	FLAT CABLE 27P X11 CN2-X09 CN1	R
J11	1C	E03-0088-05	AC OUTLET	MR
621	1C	F20-1284-05	INSULATING BOARD	M
622	1C	F20-1297-05	INSULATING SHEET	M
623	1B	F20-1393-04	INSULATING SHEET	KYR
624	2C	G10-0173-04	CUSHION	X
-	-	H50-0998-04	ITEM CARTON CASE	
-	-	H50-0999-04	ITEM CARTON CASE	KPYXR
-	-	H10-5738-02	POLYSTYRENE FOAMED FIXTURE (L)	M
-	-	H10-5739-02	POLYSTYRENE FOAMED FIXTURE (R)	
-	-	H11-0057-04	POLYSTYRENE FOAMED BOARD	
-	-	H13-0149-04	CARTON BOARD	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H25-0361-04	PROTECTION BAG (0232 PRINTED)	MX
-	-	H25-0651-04	PROTECTION BAG (0361 PRINTED)	
625	2B, 2C	J02-1040-05	FOOT	
626	1C	J12-0091-15	PIN	
627	1B	J19-3657-14	UNIT HOLDER	
632	1C	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
635	2A	K29-5838-04	KNOB (BASS/TREBLE)	
636	2A	K29-5849-02	KNOB (SURROUND)	
637	2A, 2B	K29-5850-03	KNOB (POWER/SPEAKERS)	
638	2A	K29-5851-04	KNOB (VOLUME CONTROL)	
639	2A	K29-5866-04	KNOB (INPUT SELECTOR)	
645	1B	L07-0876-05	POWER TRANSFORMER	
645	1B	L07-0877-05	POWER TRANSFORMER	
A	1A, 2B	N82-2608-46	BINDING HEAD TAPITTE SCREW	
B	1A, 1C	N89-3008-46	BINDING HEAD TAPITTE SCREW	
C	1C, 2C	N89-3008-46	BINDING HEAD TAPITTE SCREW	
D	1C, 2C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAP SCREW WITH WASHER M3X14	
-	-	N97-JV10-JV	BINDING HEAD TAPITTE SCREW	P

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AFES(Europe) X:Australia M:Other Areas

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
KA-V3700 (FRANCE MADE)				
601	1A	A01-3098-11	METALLIC CABINET	
602	2A	A21-1855-03	DRESSING PANEL	
603	2A	A60-0541-21	PANEL	
604	1A	A70-0974-05	REMOTE CONTROLLER ASY RC-S0800	
605	1A	A09-0170-08	BATTERY COVER	
610	2A	B03-2890-23	DRESSING PLATE	T
611	2A	B43-0287-04	KENWOOD BADGE	T
-	-	B46-0310-03	WARRANTY CARD	E
-	-	B58-0945-03	CAUTION CARD	E
-	-	B58-0965-03	CAUTION CARD PL (PTX TYPE)	E
-	-	B58-0966-03	CAUTION CARD PL (ELM TYPE)	E
-	-	B60-1508-00	INSTRUCTION MANUAL (EN)	E
-	-	B60-1509-00	INSTRUCTION MANUAL (F/G/D/I)	E
616	1C	E30-2592-15	AC POWER CORD	E
617	1C	E30-2721-05	FLAT CABLE 29P X11 CN1-X11 CN9	T
618	1A	E35-0766-05	FLAT CABLE 27P X11 CN2-X09 CN1	T
J11	1C	E03-0088-05	AC OUTLET	T
621	1C	F20-1284-05	INSULATING BOARD	T
622	1C	F20-1297-05	INSULATING SHEET	T
623	1B	F20-1393-04	INSULATING SHEET	T
-	-	F20-1298-04	INSULATING BOARD	T
624	2C	G10-0173-04	CUSHION	T
-	-	H50-0998-04	ITEM CARTON CASE	T
-	-	H50-0999-04	ITEM CARTON CASE	E
-	-	H10-5738-02	POLYSTYRENE FOAMED FIXTURE (L)	T
-	-	H10-5739-02	POLYSTYRENE FOAMED FIXTURE (R)	T
-	-	H11-0057-04	POLYSTYRENE FOAMED BOARD	T
-	-	H13-0149-04	CARTON BOARD	T
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	T
-	-	H25-0361-04	PROTECTION BAG (0232 PRINTED)	E
-	-	H25-0651-04	PROTECTION BAG (0361 PRINTED)	E
625	2B, 2C	J02-1040-05	FOOT	T
626	1C	J12-0091-15	PIN	T
627	1B	J19-3657-14	UNIT HOLDER	T
632	1C	J42-0083-05	POWER CORD BUSHING	T
-	-	J61-0307-05	WIRE BAND	T
635	2A	K29-5838-04	KNOB (BASS/TREBLE)	
636	2A	K29-5849-02	KNOB (SURROUND)	
637	2A, 2B	K29-5850-03	KNOB (POWER/SPEAKERS)	
638	2A	K29-5851-04	KNOB (VOLUME CONTROL)	
639	2A	K29-5866-04	KNOB (INPUT SELECTOR)	
645	1B	L07-0876-05	POWER TRANSFORMER	
645	1B	L07-0877-05	POWER TRANSFORMER	
A	1A, 2B	N82-2608-46	BINDING HEAD TAPITTE SCREW	
B	1A, 1C	N89-3008-46	BINDING HEAD TAPITTE SCREW	
C	1C, 2C	N89-3008-46	BINDING HEAD TAPITTE SCREW	
D	1C, 2C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAP SCREW WITH WASHER M3X14	
-	-	N97-JV10-JV	BINDING HEAD TAPITTE SCREW	

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KA894/994/V3700

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
D	1C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAP SCREW WITH WASHER M3X14	
G	1B	N89-3018-46	BINDING HEAD TAPITE SCREW	
H	1C	N09-2909-05	TAPITE SCREW (EARTH)	
KA-994 (SINGAPORE MADE)				
601	1A	A01-3098-11	METALLIC CABINET	
602	2A	A21-1855-03	DRESSING PANEL	
603	2A	A60-0539-11	PANEL	
604	1A	A70-0961-05	REMOTE CONTROLLER ASY RC-R0801	
605	1A	A09-0169-08	BATTERY COVER	
610	2A	B03-2890-23	DRESSING PLATE	K
-	-	B46-0092-33	WARRANTY CARD	Y
-	-	B46-0094-03	WARRANTY CARD	Y
-	-	B46-0095-03	WARRANTY CARD	X
-	-	B46-0096-43	WARRANTY CARD	
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B58-0513-04	CAUTION CARD	Y
-	-	B58-0964-03	CAUTION CARD	KYR
-	-	B58-0965-03	CAUTION CARD	DX
-	-	B58-0966-03	CAUTION CARD	M
-	-	B58-0970-03	CAUTION CARD	R
-	-	B60-1500-00	INSTRUCTION MANUAL (EN)	
-	-	B60-1501-00	INSTRUCTION MANUAL (F)	P
-	-	B60-1502-00	INSTRUCTION MANUAL (SP)	MR
-	-	B60-1503-00	INSTRUCTION MANUAL (C)	M
-	-	B60-1595-00	I/MANUAL PRESET RC (EN)	P
-	-	B60-1596-00	I/MANUAL PRESET RC (F)	MH
-	-	B60-1597-00	I/MANUAL PRESET RC (SP)	M
-	-	B60-1598-00	I/MANUAL PRESET RC (C)	M
615	1A	E03-0115-05	AC PLUG ADAPTER	M
616	1C	E30-2592-15	AC POWER CORD	M
616	1C	E30-2605-05	AC POWER CORD	Y
616	1C	E30-2650-05	AC POWER CORD	KPR
616	1C	E30-2717-05	AC POWER CORD	X
617	2B	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	
618	1A	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	
618	1C	E03-0141-05	AC OUTLET	X
621	1C	F20-1284-05	INSULATING BOARD	
622	1C	F20-1297-05	INSULATING SHEET	
623	1B	F20-1393-04	INSULATING SHEET	MX
624	2C	G10-0173-04	CUSHION	
-	-	H50-0958-04	ITEM CARTON CASE	KPYR
-	-	H50-0959-04	ITEM CARTON CASE	M
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	X
-	-	H13-0147-14	CARTON BOARD	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H25-1516-04	PROTECTION BAG	
625	2B, 2C	J02-0366-15	FOOT	
626	1C	J12-0091-15	PIN	
627	1B	J19-3657-14	UNIT HOLDER	
632	1C	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
635	2A	K29-5848-04	KN08 (BASS/TREBLE)	
636	2A	K29-5849-02	KN08 (SURROUND)	
637	2A, 2B	K29-5850-03	KN08 (POWER/SPEAKERS)	
638	2A	K29-5851-04	KN08 (VOLUME CONTROL)	
639	2A	K29-5866-04	KN08 (INPUT SELECTOR)	
645	1B	L07-0843-05	POWER TRANSFORMER	P
645	1B	L07-0847-05	POWER TRANSFORMER	KR
645	1C, 2C	N09-3008-46	BINDING HEAD TAPITE SCREW	
645	1C, 2C	N09-3008-46	BINDING HEAD TAPITE SCREW	

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645	1B	L07-0845-05	POWER TRANSFORMER	X
645	1B	L07-0846-05	POWER TRANSFORMER	Y
645	1B	L07-0847-05	POWER TRANSFORMER	KR
645	1B	L07-0849-05	POWER TRANSFORMER	M
A	1A, 2B	N82-2608-46	BINDING HEAD TAPITE SCREW	
B	1A, 1C	N89-3008-45	BINDING HEAD TAPITE SCREW	
C	1C, 2C	N89-3008-46	BINDING HEAD TAPITE SCREW	
D	1C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAP SCREW WITH WASHER M3X14	
G	1B	N89-3018-46	BINDING HEAD TAPITE SCREW	
H	1C	N09-2909-05	TAPITE SCREW (EARTH)	
KA-984 (MALAYSIA MADE)				
601	1A	A01-3098-11	METALLIC CABINET	
602	2A	A21-1855-03	DRESSING PANEL	
603	2A	A60-0540-11	PANEL	
604	1A	A70-0974-05	REMOTE CONTROLLER ASY RC-S0800	
605	1A	A09-0170-08	BATTERY COVER	
610	2A	B03-2890-23	DRESSING PLATE	K
-	-	B46-0092-33	WARRANTY CARD	P
-	-	B46-0121-33	CAUTION CARD	KR
-	-	B58-0964-03	CAUTION CARD	P
-	-	B58-0965-03	CAUTION CARD	R
-	-	B58-0970-03	CAUTION CARD	R
-	-	B60-1504-00	INSTRUCTION MANUAL (EN)	
-	-	B60-1505-00	INSTRUCTION MANUAL (F)	P
-	-	B60-1506-00	INSTRUCTION MANUAL (SP)	R
616	1C	E30-2650-05	AC POWER CORD	
617	2B	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	
618	1A	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	
621	1C	F20-1284-05	INSULATING BOARD	
622	1C	F20-1297-05	INSULATING SHEET	
624	2C	G10-0173-04	CUSHION	
-	-	H50-0997-04	ITEM CARTON CASE	
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H25-1516-04	PROTECTION BAG	
625	2B, 2C	J02-0366-15	FOOT	
626	1C	J12-0091-15	PIN	
627	1B	J19-3657-14	UNIT HOLDER	
632	1C	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
635	2A	K29-5848-04	KN08 (BASS/TREBLE)	
636	2A	K29-5849-02	KN08 (SURROUND)	
637	2A, 2B	K29-5850-03	KN08 (POWER/SPEAKERS)	
638	2A	K29-5851-04	KN08 (VOLUME CONTROL)	
639	2A	K29-5866-04	KN08 (INPUT SELECTOR)	
645	1B	L07-0843-05	POWER TRANSFORMER	P
645	1B	L07-0847-05	POWER TRANSFORMER	KR
645	1C, 2C	N09-3008-46	BINDING HEAD TAPITE SCREW	
645	1C, 2C	N09-3008-46	BINDING HEAD TAPITE SCREW	

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KA-894/994/V3700

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635	2A	*	K29-5838-04	KNOB (BASS/TREBLE)	KR P M X Y	
636	2A	*	K29-5849-02	KNOB (SURROUND)		
637	2A, 2B	*	K29-5850-03	KNOB (POWER/SPEAKERS)		
638	2A	*	K29-5851-04	KNOB (VOLUME CONTROL)		
639	2A	*	K29-5866-04	KNOB (INPUT SELECTOR)		
645	1B	*	L07-0871-05	POWER TRANSFORMER	KR P M X Y	
645	1B	*	L07-0872-05	POWER TRANSFORMER		
645	1B	*	L07-0873-05	POWER TRANSFORMER		
645	1B	*	L07-0874-05	POWER TRANSFORMER		
645	1B	*	L07-0875-05	POWER TRANSFORMER		
A	1A, 2B		N82-2608-46	BINDING HEAD TAPITTE SCREW	KR P M X Y	
9	1A, 1C		N89-3008-45	BINDING HEAD TAPITTE SCREW		
C	1C, 2C		N89-3008-46	BINDING HEAD TAPITTE SCREW		
D	1C		N09-0333-05	HEXAGON HD TAPPING SCREW M3X12		
E	1C		N09-2907-05	TAP SCREW WITH WASHER M3X14		
G	1B		N89-3018-46	BINDING HEAD TAPITTE SCREW	KR P M X Y	
H	1C		N09-2909-05	TAPITTE SCREW (EARTH)		
KA-994 (MALAYSIA MADE)						
601	1A	*	A01-3098-11	METALLIC CABINET		K P R R P R P R P R
602	2A	*	A21-1855-03	DRESSING PANEL		
603	2A	*	A60-0539-11	PANEL		
604	1A	*	A70-0961-05	REMOTE CONTROLLER ASY RC-R0801		
605	1A	*	A09-0169-08	BATTERY COVER		
610	2A	*	B03-2890-23	DRESSING PLATE	K P R P R P R P R	
-			B46-6092-33	WARRANTY CARD		
-			B46-0121-33	WARRANTY CARD		
-			B58-0964-03	CAUTION CARD		
-			B58-0965-03	CAUTION CARD		
-			B58-0970-03	CAUTION CARD	K P R P R P R P R	
-		*	B60-1500-00	INSTRUCTION MANUAL (EN)		
-		*	B60-1501-00	INSTRUCTION MANUAL (F)		
-		*	B60-1502-00	INSTRUCTION MANUAL (SP)		
-		*	B60-1595-00	I/MANUAL PRESET RC (EN)		
-			B60-1596-00	I/MANUAL PRESET RC (F)	K P R P R P R P R	
-			B60-1597-00	I/MANUAL PRESET RC (SP)		
616	1C	*	E30-2650-05	AC POWER CORD		
617	2B	*	E35-0768-05	FLAT CABLE 29P X11 CN1-X11 CN9		
618	1A	*	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1		
621	1C	*	F20-1284-05	INSULATING BOARD	K P R P R P R P R	
622	1C	*	F20-1297-05	INSULATING SHEET		
624	2C	*	G10-0173-04	CUSHION		
-		*	H50-0960-04	ITEM CARTON CASE		
-		*	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)		
-		*	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	K P R P R P R P R	
-		*	H25-0232-04	PROTECTION BAG (235X350X0.03)		
-		*	H25-1516-04	PROTECTION BAG		
625	2B, 2C	*	J02-0366-15	F00T PIN		
626	1C	*	J12-0091-15	UNIT HOLDER		
627	1B	*	J19-3657-14	POWER CORD BUSHING	K P R P R P R P R	
632	1C	*	J42-0083-05	WIRE BAND		
633	2A	*	J61-0307-05	KNOB (BASS/TREBLE)		
635	2A	*	K29-5838-04	KNOB (BASS/TREBLE)		
636	2A	*	K29-5849-02	KNOB (SURROUND)		

△ indicates safety critical components

PARTS LIST

* New Parts

Parts without Parts No. are not supplied
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

11

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
Q45, 46		25C2003(L,K)	TRANSISTOR	TE	
Q49		25C2003(L,K)	TRANSISTOR		
Q51		25C2003(L,K)	TRANSISTOR		
Q52		25B1370	TRANSISTOR		
Q53		25C1845(F,E)	TRANSISTOR	TE	
Q55		25A992(F,E)	TRANSISTOR	TE	
Q56		25C1845(F,E)	TRANSISTOR	TE	
KA-894 AUDIO UNIT (205-397A-20)					
C1, 2		CE04LW1H2R2M	ELECTR		
C11		CE04LW1H2R2M	ELECTR		
C12		CE04LW1H0R1M	ELECTR		
C39, 40		CK45FF1H472Z	CERAMIC		
C43		CK45FF1H103Z	CERAMIC		
C45, 46		CK45FF1H103Z	CERAMIC		
C101, 102		CK45FF1H103Z	CERAMIC		
C103, 104		CE04LW1H010M	ELECTR		
C105, 106		CP92FM1H02J	MYLAR		
C107, 108		CC45FSL1H101J	CERAMIC		
C109, 110		CE04LW0J221M	ELECTR		
C111, 112		CC45FSL1H60J	CERAMIC		
C113, 114		CC45FSL1H020C	CERAMIC		
C115, 116		CC45FSL1H660J	CERAMIC		
C117, 118		CE04LW1C220M	ELECTR		
C119, 120		CC45FSL1H221J	CERAMIC		
C121, 122		CK45FF1H103Z	CERAMIC		
C123, 124		CK45FF1H472Z	CERAMIC		
C125, 126		CP92FM1H224J	MF		
C129, 130		CK45FF1H472Z	CERAMIC		
C131		CK45FF1H103Z	CERAMIC		
C135, 136		CE04LW2A470M	ELECTR		
C151, 152		CC45FSL1H101J	CERAMIC		
C201, 202		CK45FF1H103Z	CERAMIC		
C204		CE04LW1H010M	ELECTR		
C206		CC45FSL1H221J	CERAMIC		
C208		CC45FSL1H101J	CERAMIC		
C210		CE04LW1A101M	ELECTR		
C212		CC45FSL1H660J	CERAMIC		
C214		CC45FSL1H020C	CERAMIC		
C216		CC45FSL1H660J	CERAMIC		
C218		CE04LW1C220M	ELECTR		
C220		CC45FSL1H221J	CERAMIC		
C222		CK45FF1H103Z	CERAMIC		
C224		CK45FF1H472Z	CERAMIC		
C226		CP92FM1H104J	MF		
C228		CP92FM1H224J	MF		
C229		CE04LW2A470M	ELECTR		
C230		CE04LW1C220M	ELECTR		
C231		CE04LW0J221M	ELECTR		
C232, 233		CE04LW2A470M	ELECTR		
C236		CE04LW1C101M	ELECTR		
C237		CE04LW0J471M	ELECTR		

* New Parts

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Teile ohne Parts No. werden nicht geliefert.

12

Ref. No. 参照番号	Address 位置	New Parts	Parts No. 部品番号	Description 部 品 名 / 規 格	Desti- nation 仕 任	Re- marks 向 備考
D16, 17			ISS131	DIODE	KPYMX	
D18			HSS104A	DIODE	KPYMX	
D19			ISS131	DIODE		
D20			HSS104A	DIODE		
D21			ISS131	DIODE		
D22, 26			HSS104A	DIODE		
D25, 26			HSS104A	DIODE		
D35			HSS104A	DIODE		
D35			HSS104A	DIODE		
D35			HSS104A	DIODE		
D101			ISS131	DIODE		
D101			ISS131	DIODE		
D102			ISS131	DIODE		
D102			ISS131	DIODE		
D103, 104			ISS131	DIODE		
D103, 104			ISS131	DIODE		
D107, 108			ISS131	DIODE		
D107, 108			ISS131	DIODE		
D109			ISS131	DIODE		
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D110			ISS131	DIODE		
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D114, 115			ISS131	DIODE		
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D116			ISS131	DIODE		
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D117						

PARTS LIST

4 New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
C230		CE04LW1C220M	ELECTR0 220UF 16WV	
C231		CE04LW0J221M	ELECTR0 220UF 6.3WV	
C232, 233		CE04LW2A470M	ELECTR0 470UF 100WV	
C236		CE04LW1C101M	ELECTR0 100UF 16WV	
C237		CE04LW0J471M	ELECTR0 470UF 6.3WV	
C238		CE04HW1H2R2M	NP-ELEC 2.2UF 50WV	
C241		CK45FF1H472Z	CERAMIC 4700PF Z	
C242		CK45FF1H103Z	CERAMIC 0.010UF Z	
C243, 244		CE04LW2A470M	ELECTR0 470UF 100WV	
C251, 252		CC45FSL1H101J	CERAMIC 100PF J	
C301		CE04LW1A101M	ELECTR0 100UF 10WV	
C302, 303		CF92FV1H104J	MF 0.10UF J	
C304		CE04LW1V471M	ELECTR0 470UF 35WV	
C305-308		CK45FF1H103Z	CERAMIC 0.010UF Z	
C309, 310		C91-1488-05	6800PF 250VAC	
C314, 315		CE04LW1V222M	ELECTR0 2200UF 35WV	
C311, 318		CK45FF1H103Z	CERAMIC 0.010UF Z	
C320-323		CF92FV1H194J	MF 0.10UF J	
C324, 325		CE04LW1C351M	ELECTR0 350UF 16WV	
C327, 328		CK45FF1H103Z	CERAMIC 0.010UF Z	
C331-334		CK45FE2H103P	CERAMIC 0.010UF P	KPYMXR
C335-338		C993HP2A103J	MYLAR 0.010UF	
C339, 340		C90-3536-05	ELECTR0 6800UF 71WV	
C341		CE04LW1V477M	ELECTR0 470UF 35WV	
C342		CE04LW1J470M	ELECTR0 470UF 63WV	
C343		CE04LW1V471M	ELECTR0 470UF 35WV	
C345, 346		CK45FF1H103Z	CERAMIC 0.010UF Z	
J1		E11-0127-05	PHONE JACK (3P) PHONES	KPYMXR
J1		E11-0130-05	PHONE JACK (3P) PHONES	TE
J3		E70-0048-05	LOCK TERMINAL BOARD FRT/SUR SP	
J4		E20-0236-05	LOCK TERMINAL BOARD CENTER SP	
J11		E03-0149-05	AC OUTLET	ME
J13		E03-0148-05	AC OUTLET	KPYR
F1, 2		F05-2525-05	FUSE (SEMK0) (250V T2.5AL)	YM
F2		F05-2525-05	FUSE (SEMK0) (250V T2.5AL)	XTE
F3		F05-6029-05	FUSE (UL) (125V 6A)	KPR
F4		F05-3121-05	FUSE (SEMK0) (250V T3.15A)	M
F5		F04-2025-05	FUSE (UL) (250V 2A)	KPR
F5		F06-2021-05	FUSE (SEMK0) (250V T2AL)	KPYMXR
CN11, 12		J13-0075-05	FUSE CLIP	YM
CN13, 14		J13-0075-05	FUSE CLIP	YM
CN15, 16		J13-0075-05	FUSE CLIP	ME
CN21, 22		J11-0096-05	WIRE CLAMP	
J8, 9		L39-0085-05	PHASE COMPENSATION COIL	KPR
L1 -4		T1	POWER TRANSFORMER	YM
T1		L07-0864-05	POWER TRANSFORMER	YM
T1		L07-0865-05	POWER TRANSFORMER	XT
T1		L07-0866-05	POWER TRANSFORMER	E
T1		L07-0867-05	POWER TRANSFORMER	
F	1B	N30-3008-46	PAN HEAD MACHINE SCREW	
CP1, 2		R90-0840-05	RD MULTIPLE RESISTOR	
		R90-0840-05	0.22 5W	

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AFES(Europe) X:Australia M:Other Areas

△ indicates safety critical components

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
R41, 42		RS14KB3B561J	FL-PROOF RS 560	
R117, 118		RD14NB2E221J	RD J 2W	
R123, 124		RD14NB2E271J	RD J 1/4W	
R125, 126		RD14NB2E221J	RD J 1/4W	
R135-138		RD14NB2E220J	RD J 1/4W	
R141, 142		RD14NB2E222J	RD 8.2K J 1/4W	
R145, 146		RS14KB3D100J	FL-PROOF RS 10 J 2W	
R151		RD14NB2E100J	RD J 1/4W	
R152		RD14GB2E100J	FL-PROOF RD 10 J 1/4W	KPYMXR
R155		RD14NB2E151J	RD J 1/4W	
R155		RD14NB2E220J	RD J 1/4W	TE
R217, 218		RD14NB2E221J	RD J 1/4W	
R223, 224		RD14NB2E271J	RD J 1/4W	
R225, 226		RD14NB2E221J	RD J 1/4W	
R237-240		RD14NB2E220J	RD J 1/4W	
R243, 244		RD14NB2E222J	RD 8.2K J 1/4W	
R247, 248		RS14KB3D100J	FL-PROOF RS 10 J 2W	
R253, 254		RD14NB2E100J	RD J 1/4W	
R270		RS14KB3D332J	FL-PROOF RS 3.3K J 2W	TE
R285		RD14NB2E102J	RD 1.0K J 1/4W	KPYMXR
R285		RD14NB2E221J	RD J 1/4W	
R303		RD14NB2E2R2J	RD J 1/4W	
R304		RD14NB2E100J	RD J 1/4W	KPYMXR
R307, 308		RD14NB2E4R7J	RD 4.7 J 1/4W	TE
R309, 310		RD14NB2E2R2J	RD J 1/4W	
R312, 313		RD14NB2E100J	RD J 1/4W	
R314		RD14NB2E101J	RD 100 J 1/4W	
R319, 320		RD14NB2E561J	RD 560 J 1/4W	KPYMXR
R319, 320		RD14NB2E681J	RD 680 J 1/4W	TE
R321		RD14NB2E151J	RD 150 J 1/4W	KPYMXR
R321		RD14NB2E221J	RD J 1/4W	TE
R322		RD14NB2E102J	RD 1.0K J 1/4W	KPYMXR
R323		RD14NB2E150J	RD 15 J 1/4W	TE
R323		R12-1616-05	TRIMMING POT. (1K)	
VR1 -4		S51-2078-05	MAGNETIC RELAY	
K1		S51-2092-05	MAGNETIC RELAY	
K2		S76-0005-05	MAGNETIC RELAY	
K3		S76-0016-05	MAGNETIC RELAY	KPYMXR
K3		S76-0017-05	MAGNETIC RELAY	KPYMXR
K4		S76-0002-05	MAGNETIC RELAY	KPYMXR
K4		S76-0009-05	MAGNETIC RELAY	TE
K5		S76-0036-05	MAGNETIC RELAY	YM
S1		S31-2322-05	SLIDE SWITCH (AC VOLTAGE SEL)	M
S2		S52-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)	Y
S3		S52-0034-05	SLIDE SWITCH (IMPEDANCE SEL)	TE
D1 -8		HSS104A	DIODE	
D1 -8		HSS131	DIODE	
D9 -14		HSS104	DIODE	
D9 -14		HSS133	DIODE	
D15		HZS15N(B2)	ZENER DIODE	
D16, 17		RD15BS(B2)	ZENER DIODE	
		HSS104A	DIODE	

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AFES(Europe) X:Australia M:Other Areas

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PARTS LIST

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
C9, 10		CC45FSL1H221J	CERAMIC		
C11, 12		CF92FV1H332J	MF		
C13, 14		CF92FV1H123J	MF		
C15, 16		CE04LW1V100M	ELECTRØ		
C17, 18		CE04LW1V220M	ELECTRØ		
C19, 36		CC45FSL1H221J	CERAMIC		
C37, 38		CE04LW1V100M	ELECTRØ		
C39, 40		CE04LW1H2R2M	ELECTRØ		
C41, 42		CC45FSL1H560J	CERAMIC		
C43		CE04LW1V100M	ELECTRØ		
C44, 45		CC45FSL1H560J	CERAMIC		
C46, 48		CE04LW1V100M	ELECTRØ		
C49, 50		CC45FSL1H220J	CERAMIC		
C51, 52		CE04LW1V100M	ELECTRØ		
C53, 54		CE04LW1V4R7M	ELECTRØ		
C55, 56		CE04LW1H2R2M	ELECTRØ		
C59, 60		CE92FV1H104J	MF		
C61, 62		CE04LW1V4R7M	ELECTRØ		
C63, 64		C90-3244-05	ELECTRØ		
C65, 66		CC45FSL1H221J	CERAMIC		
C67, 68		CF92FV1H563J	MF		
C69, 70		CC45FSL1H560J	CERAMIC		
C71, 72		CK45FB1H561K	CERAMIC		
C73, 76		C90-3244-05	ELECTRØ		
C77, 78		CF92FV1H393J	MF		
C100		CE04LW1E470M	ELECTRØ		
C101		CF92FV1H104J	MF		
C102-106		CE04LW1E470M	ELECTRØ		
C107, 108		CK45FF1H103Z	CERAMIC		
C109, 110		CE04LW1E101M	ELECTRØ		
C111, 112		CF92FV1H104J	MF		
C113-118		CE04LW1E470M	ELECTRØ		
C119, 120		C90-3244-05	ELECTRØ		
C151		CC45FSL1H101J	CERAMIC		
C152, 153		CE04LW1A471M	ELECTRØ		
C154		CC45FSL1H101J	CERAMIC		
C173, 174		CC45FSL1H560J	CERAMIC		
C175, 176		CE04LW1V4R7M	ELECTRØ		
C177, 178		CE04LW1H2R2M	ELECTRØ		
C179, 180		CE04LW1V4R7M	ELECTRØ		
C181, 182		CC45FSL1H560J	CERAMIC		
C201		C90-1827-05	BACKUP		
C202		C90-3222-05	ELECTRØ		
C203		C90-3253-05	ELECTRØ		
C204		CK45FF1H103Z	CERAMIC		
C205, 206		CF92FV1H104J	MF		
C207		CK45FB1H102K	CERAMIC		
C208, 209		C91-0749-05	CERAMIC		
C210-212		CC45FSL1H101J	CERAMIC		
C213		CC45FSL1H221J	CERAMIC		
C214		CK45FB1H102K	CERAMIC		
C215		CC45FSL1H221J	CERAMIC		
C216-219		C91-0085-05	CERAMIC		
C220		C90-3253-05	ELECTRØ		
C221, 222		CC45FSL1H221J	CERAMIC		

B: KA-894
C: KA-994
A indicates safety critical components

R: Mexico
K: USA
P: Canada
E: Europe
T: England
X: Australia
M: Other Areas

L: Scandinavia
Y: FX (Far East, Hawaii)
Y: AFES (Europe)

* New Parts
Parts without Parts No. are not supplied.
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Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
D102		KBP02ML-6127	D100E		
D103, 104		HSS104A	D100E		
D105, 106		SS131	D100E		
D107, 108		SS688B	D100E		
D109, 110		SS139-100	D100E		
D109, 110		D55BA20F03	D100E		
D109, 110		REV-602LFA	D100E		
D114, 115		SS688B	D100E		
D114, 115		SS139-100	D100E		
D116		HZS15N(B2)	ZENER DIODE		
D116		RD15S(B2)	ZENER DIODE		
D117		HZS16N(B2)	ZENER DIODE		
D117		RD16S(B2)	ZENER DIODE		
IC5		TA78057S	IC(VOLTAGE REGULATOR/+5.75V)		
IC6		TA79015S	IC(VOLTAGE REGULATOR/-15V)		
IC6		UPC7915HF	IC(VOLTAGE REGULATOR/-15V)		
IC7		TA7815S	IC(VOLTAGE REGULATOR/+15V)		
IC7		UPC7815AHF	IC(VOLTAGE REGULATOR/+15V)		
Q1, 2		2SC287(B)	TRANSISTOR		
Q3, 6		2SA992(F,E)	TRANSISTOR		
Q7, 10		2SC2632(R,S)	TRANSISTOR		
Q11, 12		2SA1124(R,S)	TRANSISTOR		
Q13, 14		2SC4137	TRANSISTOR		
Q15, 16		2SB1594LB	TRANSISTOR		
Q17, 18		2SD2449LB	TRANSISTOR		
Q19, 20		2SC2631(R,S)	TRANSISTOR		
Q21, 22		2SC2678(B)	TRANSISTOR		
Q24		2SA992(F,E)	TRANSISTOR		
Q26		2SA992(F,E)	TRANSISTOR		
Q28		2SC2631(R,S)	TRANSISTOR		
Q30		2SC2631(R,S)	TRANSISTOR		
Q32		2SA1123(R,S)	TRANSISTOR		
Q34		2SC4137	TRANSISTOR		
Q36		2SD2255BT	TRANSISTOR		
Q38		2SB1493BT	TRANSISTOR		
Q40		2SC1845(F,E)	TRANSISTOR		
Q41		2SA1175(F,E)	TRANSISTOR		
Q41		2SA933(Q,R)	TRANSISTOR		
Q42		2SA992(F,E)	TRANSISTOR		
Q43, 44		2SC1845(F,E)	TRANSISTOR		
Q45-47		2SC2003(L,K)	TRANSISTOR		
Q48		2SA1175(F,E)	TRANSISTOR		
Q48		2SA933(Q,R)	TRANSISTOR		
Q49		2SC2003(L,K)	TRANSISTOR		
Q50		2SC2878(B)	TRANSISTOR		
Q51		2SC2003(L,K)	TRANSISTOR		
Q52		2SB1370	TRANSISTOR		
Q52		2SB1375	TRANSISTOR		
KA-894/994/V3700 CONTROL UNIT (X11-350X-XX)					
D317		B30-2461-05	LED(RED)		
C1, 2		CC45FSL1H221J	CERAMIC		
C3, 4		CE04LW1V100M	ELECTRØ		
C5, 6		CC45FSL1H221J	CERAMIC		
C7, 8		CE04LW1A101M	ELECTRØ		

R: Mexico
K: USA
P: Canada
E: Europe
T: England
X: Australia
M: Other Areas

L: Scandinavia
Y: FX (Far East, Hawaii)
Y: AFES (Europe)

A indicates safety critical components

PARTS LIST

* New Parts					* New Parts				
Parts without Parts No. are not supplied.					Parts without Parts No. are not supplied.				
Les articles non mentionnés dans le Parts No. ne sont pas fournis.					Les articles non mentionnés dans le Parts No. ne sont pas fournis.				
Teil ohne Parts No. werden nicht geliefert.					Teil ohne Parts No. werden nicht geliefert.				
Ref. No.	Address	Parts No.	Description	Re- marks	Ref. No.	Address	Parts No.	Description	Re- marks
C338		CE04W1H2R2M	NP-ELEC	50WV	C338		CE04W1H2R2M	NP-ELEC	50WV
C339		CE04W1H2R2M	NP-ELEC	50WV	C339		CE04W1H2R2M	NP-ELEC	50WV
C341		CE04W1H2R2M	CERAMIC	2.2UF	C341		CE04W1H2R2M	CERAMIC	2.2UF
C342		CE04W1H2R2M	CERAMIC	4.7UF	C342		CE04W1H2R2M	CERAMIC	4.7UF
C352		CE04W1H2R2M	CERAMIC	100PF	C352		CE04W1H2R2M	CERAMIC	100PF
C301		CE04W1A101M	ELECTR0	100UF	C301		CE04W1A101M	ELECTR0	100UF
C302, 303		CE04W1H104J	MF	0.10UF	C302, 303		CE04W1H104J	MF	0.10UF
C304		CE04W1V471M	ELECTR0	470UF	C304		CE04W1V471M	ELECTR0	470UF
C305-308		CE04W1H103Z	CERAMIC	35WV	C305-308		CE04W1H103Z	CERAMIC	35WV
C309, 310		C91-1486-05	MF	6800PF	C309, 310		C91-1486-05	MF	6800PF
C314, 315		CE04W1V222M	ELECTR0	220UF	C314, 315		CE04W1V222M	ELECTR0	220UF
C317, 318		CE04W1H103Z	CERAMIC	35WV	C317, 318		CE04W1H103Z	CERAMIC	35WV
C320-323		CE04W1H104J	MF	0.10UF	C320-323		CE04W1H104J	MF	0.10UF
C324, 325		CE04W1C31M	ELECTR0	330UF	C324, 325		CE04W1C31M	ELECTR0	330UF
C327, 328		CE04W1H103Z	CERAMIC	0.010UF	C327, 328		CE04W1H103Z	CERAMIC	0.010UF
C331-334		CE04W1H103P	CERAMIC	0.010UF	C331-334		CE04W1H103P	CERAMIC	0.010UF
C335-338		CE04W1H103J	MYLAR	0.010UF	C335-338		CE04W1H103J	MYLAR	0.010UF
C339, 340		C90-3536-05	ELECTR0	680UF	C339, 340		C90-3536-05	ELECTR0	680UF
C341		CE04W1V471M	ELECTR0	4.7UF	C341		CE04W1V471M	ELECTR0	4.7UF
C342		CE04W1V470M	ELECTR0	470UF	C342		CE04W1V470M	ELECTR0	470UF
C343		CE04W1V471M	ELECTR0	470UF	C343		CE04W1V471M	ELECTR0	470UF
C345, 346		CE04W1H103Z	CERAMIC	0.010UF	C345, 346		CE04W1H103Z	CERAMIC	0.010UF
J1		B11-0127-05	PHONE JACK (3P) PHONES		J1		B11-0127-05	PHONE JACK (3P) PHONES	
J2		B63-0090-05	LOCK TERMINAL BOARD FRIT/SUR SP		J2		B63-0090-05	LOCK TERMINAL BOARD FRIT/SUR SP	
J3		B63-0048-05	PHONE JACK (2P) L/R LINE OUT		J3		B63-0048-05	PHONE JACK (2P) L/R LINE OUT	
J7		B03-0072-15	AC OUTLET		J7		B03-0072-15	AC OUTLET	
J11		B03-0149-05	AC OUTLET		J11		B03-0149-05	AC OUTLET	
J13		B03-0148-05	AC OUTLET		J13		B03-0148-05	AC OUTLET	
F1, 2		F05-2525-05	FUSE (SEM0)	(250V T2.5AL)	F1, 2		F05-2525-05	FUSE (SEM0)	(250V T2.5AL)
F2		F04-5022-05	FUSE (UL)	(125V 5A UL)	F2		F04-5022-05	FUSE (UL)	(125V 5A UL)
F3		F05-2525-05	FUSE (SEM0)	(250V T2.5AL)	F3		F05-2525-05	FUSE (SEM0)	(250V T2.5AL)
F4		F05-3121-05	FUSE (UL)	(250V T3.15AL)	F4		F05-3121-05	FUSE (UL)	(250V T3.15AL)
F5		F04-2025-05	FUSE (UL)	(250V 2A)	F5		F04-2025-05	FUSE (UL)	(250V 2A)
F5		F06-2021-05	FUSE (SEM0)	(250V T2AL)	F5		F06-2021-05	FUSE (SEM0)	(250V T2AL)
CN11, 12		J13-0075-05	FUSE CLIP		CN11, 12		J13-0075-05	FUSE CLIP	
CN13, 14		J13-0075-05	FUSE CLIP		CN13, 14		J13-0075-05	FUSE CLIP	
CN15, 16		J13-0075-05	FUSE CLIP		CN15, 16		J13-0075-05	FUSE CLIP	
CN21, 22		J13-0075-05	FUSE CLIP		CN21, 22		J13-0075-05	FUSE CLIP	
J8, 9		J11-0098-05	WIRE CLAMP		J8, 9		J11-0098-05	WIRE CLAMP	
L1, 2		L39-0065-05	PHASE COMPENSATION COIL		L1, 2		L39-0065-05	PHASE COMPENSATION COIL	
L4		L07-0864-05	POWER TRANSFORMER		L4		L07-0864-05	POWER TRANSFORMER	
T1		L07-0865-05	POWER TRANSFORMER		T1		L07-0865-05	POWER TRANSFORMER	
T1		L07-0866-05	POWER TRANSFORMER		T1		L07-0866-05	POWER TRANSFORMER	
F		N30-3008-46	PAN HEAD MACHINE SCREW		F		N30-3008-46	PAN HEAD MACHINE SCREW	
CP1, 2		R90-0840-05	RD	0.22	CP1, 2		R90-0840-05	RD	0.22
CP4		R90-0888-05	MULTIPLE RESISTOR	5W	CP4		R90-0888-05	MULTIPLE RESISTOR	5W
R41, 42		RS14K83D561J	FL-PROOF RS	560	R41, 42		RS14K83D561J	FL-PROOF RS	560
R117, 118		RD14NB2E221J	RD	220	R117, 118		RD14NB2E221J	RD	220
R123, 124		RD14NB2E271J	RD	270	R123, 124		RD14NB2E271J	RD	270
R125, 126		RD14NB2E221J	RD	220	R125, 126		RD14NB2E221J	RD	220
R127, 128		RD14NB2E221J	RD	220	R127, 128		RD14NB2E221J	RD	220
R141, 142		RD14NB2E221J	RD	220	R141, 142		RD14NB2E221J	RD	220
R145, 146		RS14K83D100J	FL-PROOF RS	10	R145, 146		RS14K83D100J	FL-PROOF RS	10
R151		RD14NB2E100J	RD	10	R151		RD14NB2E100J	RD	10
R152		RD14NB2E100J	RD	10	R152		RD14NB2E100J	RD	10
R155		RD14NB2E151J	RD	150	R155		RD14NB2E151J	RD	150
R218		RD14NB2E221J	RD	220	R218		RD14NB2E221J	RD	220
R224		RD14NB2E271J	RD	270	R224		RD14NB2E271J	RD	270
R226		RD14NB2E221J	RD	220	R226		RD14NB2E221J	RD	220
R238		RD14NB2E220J	RD	22	R238		RD14NB2E220J	RD	22
R240		RD14NB2E220J	RD	22	R240		RD14NB2E220J	RD	22
R244		RD14NB2E221J	RD	220	R244		RD14NB2E221J	RD	220
R248		RD14NB2E221J	RD	220	R248		RD14NB2E221J	RD	220
R254		RD14NB2E100J	RD	10	R254		RD14NB2E100J	RD	10
R270		RD14NB2E32J	RD	3.3K	R270		RD14NB2E32J	RD	3.3K
R303		RD14NB2E22J	RD	2.2	R303		RD14NB2E22J	RD	2.2
R304		RD14NB2E100J	RD	10	R304		RD14NB2E100J	RD	10
R307, 308		RD14NB2E4R7J	RD	4.7	R307, 308		RD14NB2E4R7J	RD	4.7
R309, 310		RD14NB2E2R2J	RD	2.2	R309, 310		RD14NB2E2R2J	RD	2.2
R312, 313		RD14NB2E100J	RD	10	R312, 313		RD14NB2E100J	RD	10
R314		RD14NB2E101J	RD	100	R314		RD14NB2E101J	RD	100
R319, 320		RD14NB2E821J	RD	820	R319, 320		RD14NB2E821J	RD	820
R321		RD14NB2E151J	RD	150	R321		RD14NB2E151J	RD	150
VR1, 2		R12-1616-05	TRIMMING POT. (1K)		VR1, 2		R12-1616-05	TRIMMING POT. (1K)	
VR4		R12-1616-05	TRIMMING POT. (1K)		VR4		R12-1616-05	TRIMMING POT. (1K)	
K1		SS1-2078-05	MAGNETIC RELAY		K1		SS1-2078-05	MAGNETIC RELAY	
K2		SS1-2082-05	MAGNETIC RELAY		K2		SS1-2082-05	MAGNETIC RELAY	
K3		S76-0005-05	MAGNETIC RELAY		K3		S76-0005-05	MAGNETIC RELAY	
K4		S76-0016-05	MAGNETIC RELAY		K4		S76-0016-05	MAGNETIC RELAY	
K5		S76-0017-05	MAGNETIC RELAY		K5		S76-0017-05	MAGNETIC RELAY	
K6		S76-0002-05	MAGNETIC RELAY		K6		S76-0002-05	MAGNETIC RELAY	
K7		S76-0036-05	MAGNETIC RELAY		K7		S76-0036-05	MAGNETIC RELAY	
K8		S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)		K8		S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)	
K9		S31-2322-05	SLIDE SWITCH (AC VOLTAGE SEL)		K9		S31-2322-05	SLIDE SWITCH (AC VOLTAGE SEL)	
K10		S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)		K10		S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)	
D1		HSS104A	DIODE		D1		HSS104A	DIODE	
D1		SS131	DIODE		D1		SS131	DIODE	
D6		HSS104A	DIODE		D6		HSS104A	DIODE	
D6		SS131	DIODE		D6		SS131	DIODE	
D8		HSS104A	DIODE		D8		HSS104A	DIODE	
D8		SS131	DIODE		D8		SS131	DIODE	
D9		HSS104	DIODE		D9		HSS104	DIODE	
D9		SS133	DIODE		D9		SS133	DIODE	
D15		HZS15N(B2)	ZENER DIODE		D15		HZS15N(B2)	ZENER DIODE	
D15		RD15ES(B2)	ZENER DIODE		D15		RD15ES(B2)	ZENER DIODE	
D16		HSS104A	DIODE		D16		HSS104A	DIODE	
D16		SS131	DIODE		D16		SS131	DIODE	
D20		HZS4.7N(B2)	ZENER DIODE		D20		HZS4.7N(B2)	ZENER DIODE	
D20		RD4.7ES(B2)	ZENER DIODE		D20		RD4.7ES(B2)	ZENER DIODE	
D25-30		HSS104	DIODE		D25-30		HSS104	DIODE	
D25-30		SS133	DIODE		D25-30		SS133	DIODE	
D35		HSS104A	DIODE		D35		HSS104A	DIODE	
D35		SS131	DIODE		D35		SS131	DIODE	
D101		HSS104	DIODE		D101		HSS104	DIODE	
D101		SS133	DIODE		D101		SS133	DIODE	

△ indicates safety critical components.

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PARTS LIST

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
IC11		TC9215P	IC(ANALOG SWITCH X 6)	9V
IC12		NJM2279D	IC(VIDEO IC)	
IC13		NJU7313L	IC(ANALOG SWITCH)	
IC14		TC9164N	IC(16CH BILATERAL SELECTOR SW)	
		LA2785	IC	
IC15		LV1010	DI BI-POLAR IC	
IC16		TC9212P	IC(ELECTRICAL VOLUME)	
IC17		TC9215P	IC(ANALOG SWITCH X 6)	
IC18		CXR62320-162Q	MI-COM IC	
IC19		S-80740AL	IC(VOLTAGE DETECTOR)	
IC20		TC9215P	IC(ANALOG SWITCH X 6)	
IC21, 22		NJM4560L	IC(OP AMP X2)	
Q1 - 4		2SC1740S(Q,R)	TRANSISTOR	
Q1 - 4		2SC2785(F,E)	TRANSISTOR	
Q5		2SD2012	TRANSISTOR	
Q5		2SD2061(E,F)	TRANSISTOR	
Q6		2SC2878(B)	TRANSISTOR	
A1		W02-1046-05	ELECTRIC CIRCUIT MODULE	
A1		W02-1174-05	ELECTRIC CIRCUIT MODULE	
A1		W02-1188-05	ELECTRIC CIRCUIT MODULE	

L:Scandinavia
Y:PX(Far East, Hawaii)
Y:AFES(Europe)

K:USA
T:England
X:Australia

P:Canada
E:Europe
M:Other Areas

R:Mexico

B: KA-894
B: KA-994

V: KA-V3700

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
J1		E63-0047-15	PHONE JACK (6P) ADPT IN/TAPE		
J2		E63-0070-15	PHONE JACK (8P) V1/V2/ADPT OUT		
J3		E63-0046-15	PHONE JACK (4P) TUNER/CD INPUT		
J4		E63-0068-15	PHONE JACK (2P) PHONE		
J5		E11-0188-05	MINIATURE PHONE JACK S. CONTROL		
J6		E63-0069-15	PHONE JACK (4P) M OUT/V1/V2 IN	9V	
X1		L78-0294-05	RESONATOR (10.000MHz)		
X2		L78-0290-05	RESONATOR (8MHz)		
CP1		R90-0816-05	MULTI-COMP 47K X7		
CP2		R90-0487-05	MULTI-COMP 47K X7		
R101-104		RS14KB25681J	FL-PROOF HS 680 J 1/4W		
R113		RS14KB30220J	FL-PROOF HS 22 J 2W		
R319		RN14BK25902F	RN 39.0K F 1/6W		
VR1-2		R10-5076-05	POTENTIOMETER(100K X2)		
VR3		R12-1086-05	TRIMMING POTENTIOMETER(2.2K)		
S1-17		S40-1064-05	PUSH SWITCH (SURROUND MODE)		
S18		T99-0547-05	SPEED DETECTOR		
S19		T99-0548-05	SPEED DETECTOR		
D201-203		HSS104	DIODE	9V	
D201-203		1SS133	DIODE	9V	
D204		HSS104	DIODE	9	
D204		1SS133	DIODE		
D205		HSS104	DIODE		
D205		1SS133	DIODE		
D206-224		HSS104	DIODE		
D206-224		1SS133	DIODE		
D301-302		HSS104	DIODE		
D301-302		1SS133	DIODE		
D303-304		HSS104	DIODE		
D303-304		1SS133	DIODE		
D305-310		HSS104	DIODE		
D305-310		1SS133	DIODE		
D311-312		HZ55-1N(B2)	ZENER DIODE		
D311-312		RD5-1ES(B2)	ZENER DIODE		
D313-314		HSS104	DIODE		
D313-314		1SS133	DIODE		
D315		RD10ES(B2)	ZENER DIODE		
D315		HZ55-6N(B2)	ZENER DIODE		
D316		RD5-6ES(B2)	ZENER DIODE		
D316		HZ51-3N(B2)	ZENER DIODE		
D318-321		RD13ES(B2)	ZENER DIODE		
D318-321		HSS104	DIODE		
D322-327		1SS133	DIODE		
D322-327		FIPI1SM8R	INDICATOR TUBE		
E01		NJM4580-0	IC(OP AMP X2)		
IC1		NJM2058D	IC(OP AMP X4)		
IC2		NJM4580L	IC(OP AMP X2)		
IC3		NJM4580L	IC(OP AMP X2)		
IC4-7		NJM4580L	IC(OP AMP X2)		
IC8		TC9213P	IC(2CH ELECTRONIC VOLUME)		
IC9		TC9213P	IC(2CH ELECTRONIC VOLUME)		
IC10		NJM4580L	IC(OP AMP X2)		

LS:Scandinavia K:USA P:Canada R:Mexico V:KA-V3700
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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
C223		CF92FV1H104J	MF		
C224		C90-3258-05	ELECTRO 0.10UF J 50WV		
C225-229		CK45FF1H103Z	CERAMIC 10UF Z		
C230		CC45SL1H221J	CERAMIC 220PF J		
C231-232		C91-0749-05	CERAMIC 220PF K		
C233		CK45FF1H103Z	CERAMIC 0.010UF Z		
C301-304		CE04LW1E470M	ELECTRO 4.7UF 25WV		
C305-307		CE04LW1V470M	ELECTRO 4.7UF 35WV		
C308		CE04LW1V470M	ELECTRO 4.7UF 35WV		
C309		CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C310		CE04LW1C221M	ELECTRO 220UF 16WV		
C311-312		C90-3258-05	ELECTRO 4.7UF 50WV		
C313		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C314		CE04LW1C221M	ELECTRO 220UF 16WV		
C315		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C316		CF92FV1H104J	MF 0.10UF J		
C317		CF92FV1H105J	MF 1.0UF J		
C318		CF92FV1H333J	MF 0.033UF J		
C319		CF92FV1H152J	MF 1500PF J		
C320		CF92FV1H333J	MF 0.033UF J		
C321		CE04LW1V100M	ELECTRO 10UF 35WV		
C322		CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C323		CF92FV1H154J	MF 0.15UF J		
C324		CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C325		CF92FV1H154J	MF 0.15UF J		
C326		CE04LW1V470M	ELECTRO 4.7UF 35WV		
C327		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C328		CE04LW1V470M	ELECTRO 4.7UF 35WV		
C329		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C330-331		CF92FV1H104J	MF 0.10UF J		
C332		CE04LW1E470M	ELECTRO 4.7UF 25WV		
C333		CF92FV1H470J	MF 0.47UF J		
C334-337		CE04LW1V100M	ELECTRO 10UF 35WV		
C338		CK45FF1H681K	CERAMIC 680PF K		
C339		CF92FV1H154J	MF 0.15UF J		
C340		CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C341		CF92FV1H154J	MF 0.15UF J		
C342		CE04LW1V470M	ELECTRO 4.7UF 35WV		
C343		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C344		CE04LW1V470M	ELECTRO 4.7UF 35WV		
C345		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C346-347		CF92FV1H104J	MF 0.10UF J		
C348-349		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C350		CE04LW1C221M	ELECTRO 220UF 16WV		
C351-354		CE04LW1V100M	ELECTRO 10UF 35WV		
C355		CE04LW1C221M	ELECTRO 220UF 16WV		
C356		CF92FV1H473J	MF 0.047UF J		
C357		CF92FV1H223J	MF 0.022UF J		
C358		CK45FF1H103Z	CERAMIC 0.020UF Z		
C359		CK45FF1H103Z	CERAMIC 0.010UF Z		
C360		CK45FF1H103Z	CERAMIC 0.010UF Z		
C361-362		CE04LW1H03Z	ELECTRO 0.010UF Z		
C363-364		CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C365		CF92FV1H104J	MF 0.10UF J		
C366		CK45FF1H103Z	CERAMIC 0.010UF Z		

LS:Scandinavia K:USA P:Canada R:Mexico V:KA-V3700
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AFES(Europe) X:Australia M:Other Areas
△ indicates safety critical components

SPECIFICATIONS

(KA-994)

For the USA, Mexico and Canada

AUDIO section

Rated power output

STEREO MODE (FTC)

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20 kHz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

100 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
0.03% (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

20 Hz ~ 20 kHz, ± 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity / impedance

PHONO (MM) 3.5 mV / 47k Ω LINE (CD, TAPE, VIDEO) 200 mV / 47k Ω ADAPTOR IN 200 mV / 47k Ω

Tone control

BASS ± 10 dB (at 100 Hz)TREBLE ± 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

 $+ 8$ dB (at 100 Hz)

Output level / impedance

TAPE REC 200 mV / 1 k Ω ADAPTOR OUT 200 mV / 1 k Ω

VIDEO section

Input level / impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level / impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 2.3 A

AC outlets

SWITCHED 2: (400 W max.)

Dimensions

W: 440 mm (17-5/16")

H: 143 mm (5-5/8")

D: 300 mm (11-13/16")

Weight (Net) 9.3 kg (20.5 lb)

For other countries

AUDIO section

Rated power output

STEREO MODE

(IHF'66) 20 Hz~20 kHz, 0.09%

T.H.D. at 8 Ω 100 W + 100 W(EIAJ) 1 kHz, 10%) T.H.D. at 8 Ω 150 W + 150 W

SURROUND MODE

at 8 Ω , 1 kHz, 0.9% T.H.D.

FRONT 100 W + 100 W

REAR 20 W + 20 W

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)0.03% (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

20 Hz ~ 20 kHz, ± 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO(MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω ADAPTOR IN 200 mV/47 k Ω

Tone control

BASS ± 10 dB(at 100 Hz)TREBLE ± 10 dB(at 10 kHz)

Loudness control (volume at -30 dB level)

 $+8$ dB (100 Hz)

Output level/impedance

TAPE REC 200 mV/1 k Ω ADAPTOR OUT 200 mV/1 k Ω

VIDEO section

Input level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 210 W

AC outlets

SWITCHED 2: (300 W max.)

Dimensions W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

SPECIFICATIONS

(KA-894)

For the USA, Mexico and Canada

AUDIO section

Rated power output (FTC)

STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20 kHz with no more than 0.09% total harmonic distortion.

SURROUND MODE**Front**

70 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Center

70 watts at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
0.03% (1kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response20 Hz ~ 20 kHz, \pm 0.5 dB**Maximum input level**

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedancePHONO (MM) 3.5 mV/47 k Ω LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω ADAPTOR IN 200 mV/47 k Ω **Tone control**BASS \pm 10 dB (at 100 Hz)TREBLE \pm 10 dB (at 10 kHz)**Loudness control (volume at -30 dB level)** \pm 8 dB (100 Hz)**Output level/impedance**TAPE REC 200 mV/1 k Ω ADAPTOR OUT 200 mV/1 k Ω **GENERAL**

Power consumption 2.5 A

250 W

AC outlets

SWITCHED 2 (400 W max.)

Dimensions W: 440 mm (17-5/16")

H: 143 mm (5-5/8")

D: 300 mm (11-13/16")

Weight (Net) 9.3 kg (20.5 lb)

For other countries

AUDIO section

Rated power output

STEREO MODE

(IHF'66) From 20 Hz to 20 kHz, 0.09% T.H.D.

at 8 Ω 100 W + 100 W

(EIAJ)

1 kHz, 10% T.H.D. at 8 Ω 150 W + 150 W**SURROUND MODE**1 kHz, 0.9% T.H.D. at 8 Ω

FRONT 70 W + 70 W

CENTER 70 W

REAR 20 W + 20 W

Total harmonic distortion0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)0.03% (1kHz, 50 W, 8 Ω)**Frequency response**

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response20 Hz ~ 20 kHz, \pm 0.5 dB**Maximum input level**

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedancePHONO (MM) 3.5 mV/47 k Ω LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω ADAPTOR IN 200 mV/47 k Ω **Tone control**BASS \pm 10 dB (at 100 Hz)TREBLE \pm 10 dB (at 10 kHz)**Loudness control (volume at -30 dB level)** \pm 8 dB (100 Hz)**Output level/impedance**TAPE REC 200 mV/1 k Ω ADAPTOR OUT 200 mV/1 k Ω **GENERAL**

Power consumption 250 W

AC outlet

SWITCHED 300 W mix

Dimensions W: 440 mm

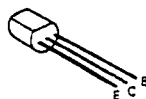
H: 143 mm

D: 300 mm

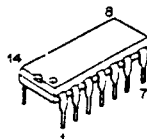
Weight (Net) 9.3 kg

Note:

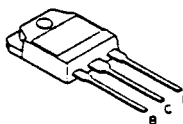
KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be change without notice.



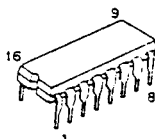
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2SC2632
2SC2878



NJM2058D
NJM2279D



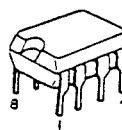
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TC9212P
TC9213P
TC9215P

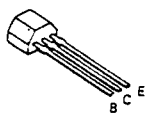
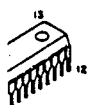


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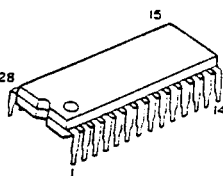


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NJM4580L

1010

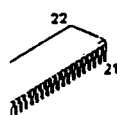


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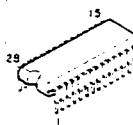


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TC9164N

2SB1375
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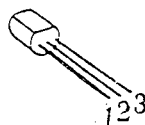
TA79015S

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NJM4558D

KA-894/994/V3700

KENWOOD

SPECIFICATIONS

(KA-V3700)

AUDIO section

Rated power output

STEREO MODE

(DIN) 1 kHz

at 8 Ω 100 W + 100 W
 at 4 Ω 80 W + 80 W

SURROUND MODE

(IHF 66) 1 kHz, 0.9 % T.H.D.at 8 Ω

FRONT 70 W + 70 W
 CENTER 70 W
 REAR 20 W + 20 W

Total harmonic distortion

..... 0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
 0.03% (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

..... 20 Hz ~ 55 kHz, + 0 dB, -3 dB

PHONO "RIAA" response 20 Hz ~ 20 kHz, \pm 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D, at 1 kHz

Signal to noise ratio

(DIN)

PHONO(MM) 55 dB (50 mW output)

LINE (CD, TAPE, VIDEO) 57 dB (50 mW output)

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω LINE (CD, TAPE, VIDEO) 200 mV/47 k Ω ADAPTOR IN 200 mV/47 k Ω

Tone control

BASS \pm 10 dB(at 100 Hz)TREBLE \pm 10 dB(at 10 kHz)

Loudness control (volume at -30 dB level)

..... + 8 dB (100 Hz)

Output level/impedance

TAPE REC 200 mV/1 k Ω ADAPTOR OUT 200 mV/1 k Ω

VIDEO section

Input level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 320 W

AC outlets

SWITCHED (300 W max.)

Dimensions W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.